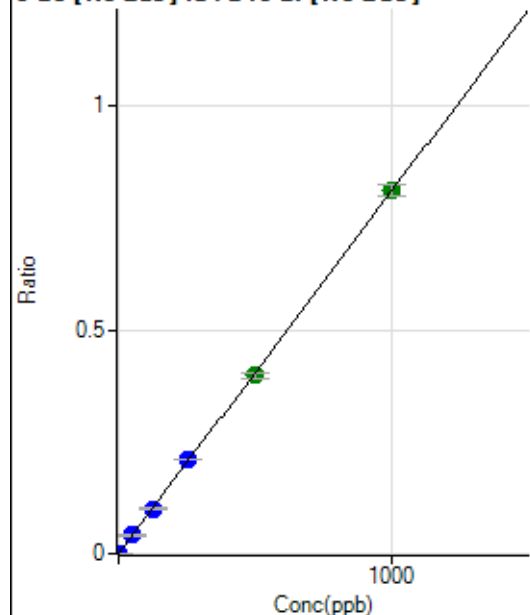


Calibration for 006CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8042424-MS.b\
 Analysis File: P8042424-MS.batch.bin
 DA Date-Time: 2024-04-24 20:49:02
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-04-24 14:15:50
2	006CALS.d	S02	2024-04-24 14:22:39
3	007CALS.d	S03	2024-04-24 14:26:03
4	008CALS.d	S04	2024-04-24 14:29:14
5	009CALS.d	S05	2024-04-24 14:32:16
6	010CALS.d	S06	2024-04-24 14:35:20
7	011CALS.d	S07	2024-04-24 14:38:21
8	012CALS.d	S08	2024-04-24 14:41:25

9 Be [No Gas] ISTD:6 Li [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	224.97	0.0001	P	7.6
2	☐	1.000	0.960	3147.87	0.0008	P	1.6
3	☐	50.000	50.631	156218.71	0.0410	P	4.1
4	☐	125.000	124.540	377268.10	0.1009	P	0.7
5	☐	250.000	261.064	757703.17	0.2113	P	0.7
6	☐	500.000	492.132	1394233.81	0.3984	A	3.0
7	☐	1000.000	1001.194	2674175.44	0.8104	A	3.1
8	☐			664.11	0.0002	P	7.4

$$y = 8.0934\text{E-}004 * x + 6.0702\text{E-}005$$

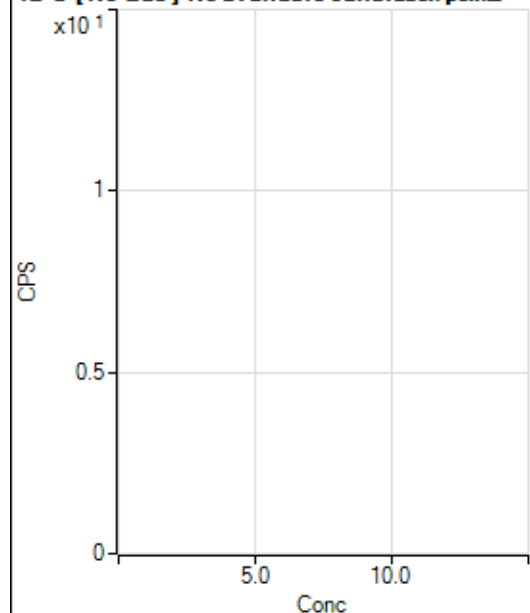
$$R = 0.9999$$

$$DL = 0.017$$

$$BEC = 0.075$$

Weight: <None>

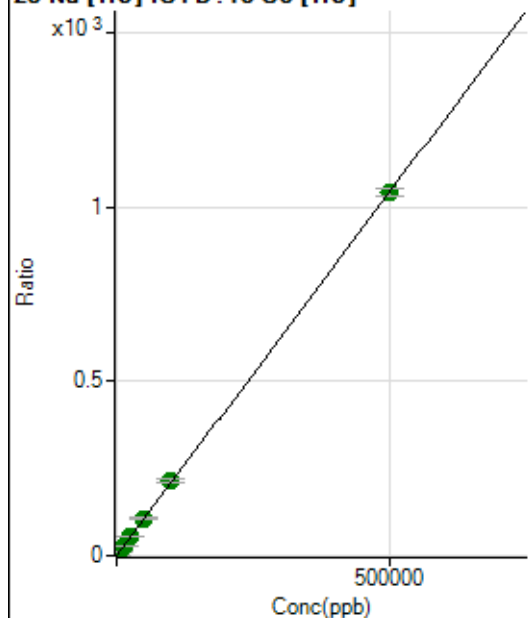
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			4225384.94		A	1.7
2	☐			4033469.04		A	0.4
3	☐			4271034.73		A	1.0
4	☐			4205149.28		A	2.1
5	☐			4300405.22		A	2.0
6	☐			4508476.60		A	2.9
7	☐			4684922.53		A	4.8
8	☐			4421670.11		A	2.3

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			48038.36		P	1.4
2	☐			45106.73		P	2.1
3	☐			49743.91		P	0.6
4	☐			48146.48		P	0.4
5	☐			48820.83		P	1.1
6	☐			54090.39		P	0.9
7	☐			58540.67		P	1.2
8	☐			59441.90		P	0.7

23 Na [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	41297.14	0.1928	P	0.6
2	☐	500.000	481.142	257841.87	1.1969	P	0.5
3	☐	5000.000	5298.397	2396270.97	11.2493	A	1.1
4	☐	12500.000	13014.742	5724584.15	27.3514	A	1.4
5	☐	25000.000	27125.524	11585449.83	56.7971	A	1.0
6	☐	50000.000	51307.009	21263462.74	107.2579	A	1.1
7	☐	100000.00	103217.22	41883022.98	215.5817	A	7.2
8	☐	500000.00	499103.74	204833859.1	1,041.699	A	2.2

$$y = 0.0021 * x + 0.1928$$

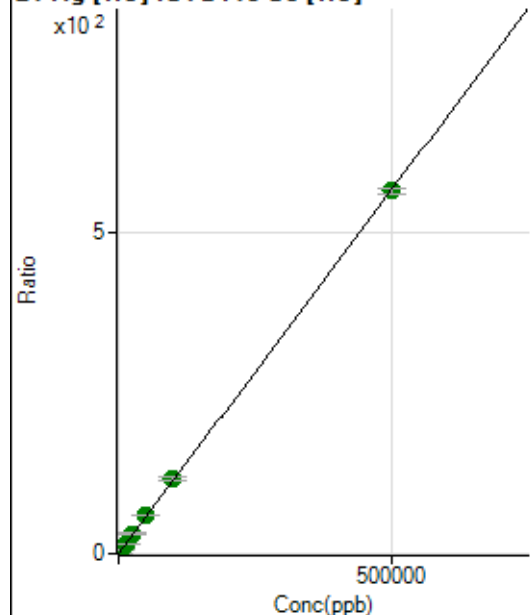
$$R = 1.0000$$

$$DL = 1.702$$

$$BEC = 92.41$$

Weight: <None>

Min Conc: 0

24 Mg [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	257.78	0.0012	P	8.3
2	☐	500.000	486.935	119104.59	0.5529	P	1.9
3	☐	5000.000	5463.457	1318816.23	6.1915	A	1.2
4	☐	12500.000	13296.789	3153612.21	15.0669	A	1.9
5	☐	25000.000	27628.660	6384995.12	31.3053	A	3.1
6	☐	50000.000	52143.641	11712300.66	59.0815	A	1.2
7	☐	100000.00	103706.94	22838404.38	117.5042	A	6.1
8	☐	500000.00	498888.27	111152238.3	565.2562	A	1.9

$$y = 0.0011 * x + 0.0012$$

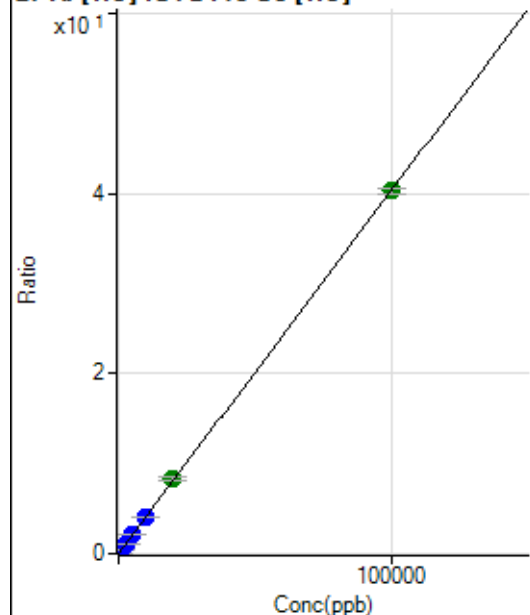
$$R = 1.0000$$

$$DL = 0.2635$$

$$BEC = 1.063$$

Weight: <None>

Min Conc: 0

27 Al [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	391.12	0.0018	P	12.5
2	☐	20.000	16.108	1793.47	0.0083	P	2.5
3	☐	1000.000	1059.721	91447.94	0.4293	P	0.7
4	☐	2500.000	2583.760	218517.12	1.0441	P	0.8
5	☐	5000.000	5332.023	439068.19	2.1527	P	2.6
6	☐	10000.000	10089.470	807189.90	4.0718	P	1.0
7	☐	20000.000	20536.836	1610700.55	8.2861	A	5.8
8	☐	100000.00	99864.394	7922067.87	40.2855	A	1.7

$$y = 4.0338E-004 * x + 0.0018$$

$$R = 1.0000$$

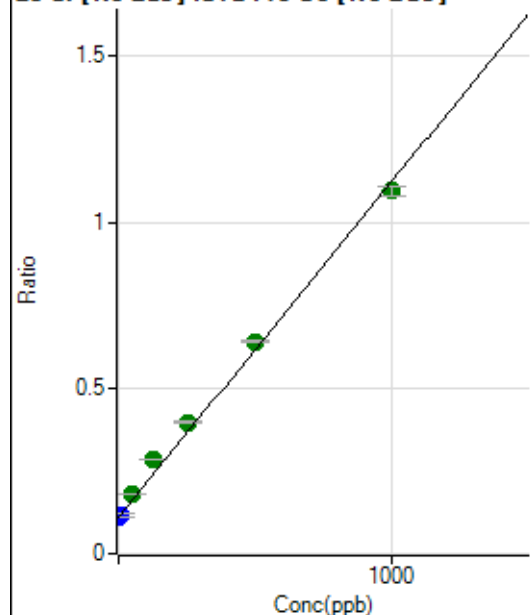
$$DL = 1.697$$

$$BEC = 4.526$$

Weight: <None>

Min Conc: 0

28 Si [No Gas] ISTD:45 Sc [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	689532.91	0.1103	P	0.7
2	☐	10.000	5.586	730636.46	0.1159	P	5.4
3	☐	50.000	70.903	1152301.27	0.1820	A	0.6
4	☐	125.000	172.019	1749401.76	0.2843	A	0.9
5	☐	250.000	281.406	2384413.46	0.3950	A	1.4
6	☐	500.000	524.617	3795874.63	0.6410	A	0.7
7	☐	1000.000	972.962	6280687.41	1.0946	A	2.8
8	☐			923060.85	0.1622	A	3.1

$$y = 0.0010 * x + 0.1103$$

R = 0.9980

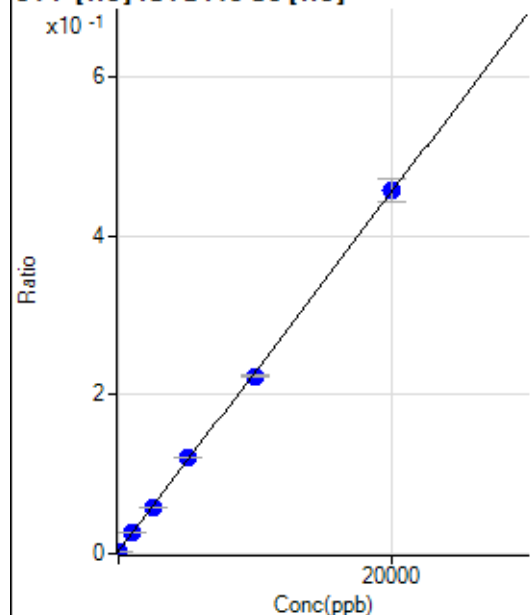
DL = 2.215

BEC = 109

Weight: <None>

Min Conc: 0

31 P [He] ISTD:45 Sc [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-8.586	593.36	0.0028	P	15.3
2	☐	0.000	8.586	680.03	0.0032	P	5.6
3	☐	1000.000	1019.629	5534.45	0.0260	P	1.2
4	☐	2500.000	2467.015	12276.40	0.0587	P	0.4
5	☐	5000.000	5199.141	24547.52	0.1203	P	0.7
6	☐	10000.000	9770.103	44313.02	0.2235	P	1.9
7	☐	20000.000	20068.305	88621.02	0.4560	P	6.5
8	☐			441.12	0.0022	P	9.9

$$y = 2.2576E-005 * x + 0.0030$$

R = 0.9998

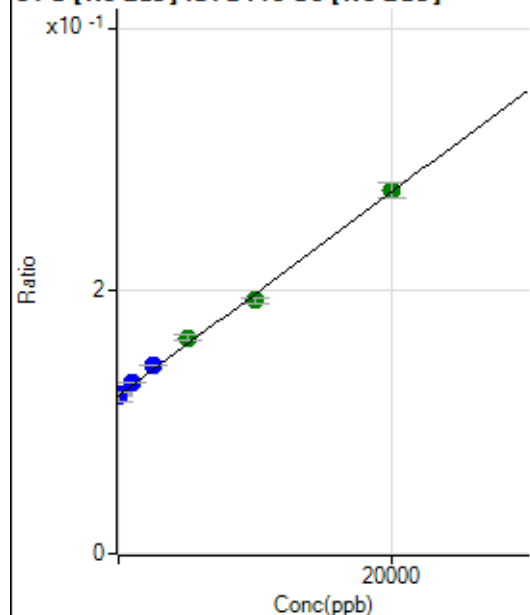
DL = 39.93

BEC = 131.3

Weight: <None>

Min Conc: 0

34 S [No Gas] ISTD:45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	70.920	756893.82	0.1211	P	0.5
2	☐	0.000	-70.920	755857.22	0.1200	P	5.9
3	☐	1000.000	1255.693	824589.19	0.1303	P	0.2
4	☐	2500.000	2992.960	884463.49	0.1437	P	0.3
5	☐	5000.000	5672.649	993279.29	0.1645	A	2.7
6	☐	10000.000	9345.327	1142858.29	0.1930	A	2.3
7	☐	20000.000	20084.770	1585204.02	0.2764	A	4.3
8	☐			628984.05	0.1105	P	2.5

$$y = 7.7596E-006 * x + 0.1205$$

R = 0.9983

DL = 1474

BEC = 1.553E+04

Weight: <None>

Min Conc: 0

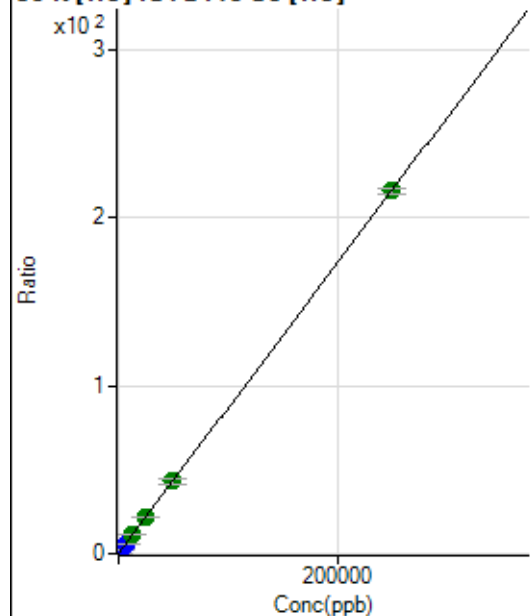
35 Cl [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			280533.17		P	1.2
2	☐			252891.50		P	0.4
3	☐			255828.71		P	0.8
4	☐			247807.84		P	0.6
5	☐			245891.61		P	0.9
6	☐			242826.03		P	1.4
7	☐			250049.30		P	1.7
8	☐			252013.51		P	1.0

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			1857.92		P	3.6
2	☐			1795.69		P	2.4
3	☐			1677.89		P	5.1
4	☐			1710.12		P	2.0
5	☐			1626.78		P	6.1
6	☐			1682.34		P	3.9
7	☐			1611.22		P	4.6
8	☐			1800.13		P	2.7

39 K [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	31646.90	0.1478	P	2.1
2	☐	500.000	458.221	117106.04	0.5436	P	1.4
3	☐	2500.000	2534.145	497805.20	2.3370	P	0.1
4	☐	6250.000	6253.064	1161471.56	5.5497	P	1.0
5	☐	12500.000	13390.860	2389714.50	11.7159	A	1.6
6	☐	25000.000	24849.720	4285094.62	21.6151	A	0.3
7	☐	50000.000	49873.299	8401235.71	43.2325	A	6.9
8	☐	250000.00	249995.49	42497049.92	216.1150	A	1.9

$$y = 8.6388\text{E-}004 * x + 0.1478$$

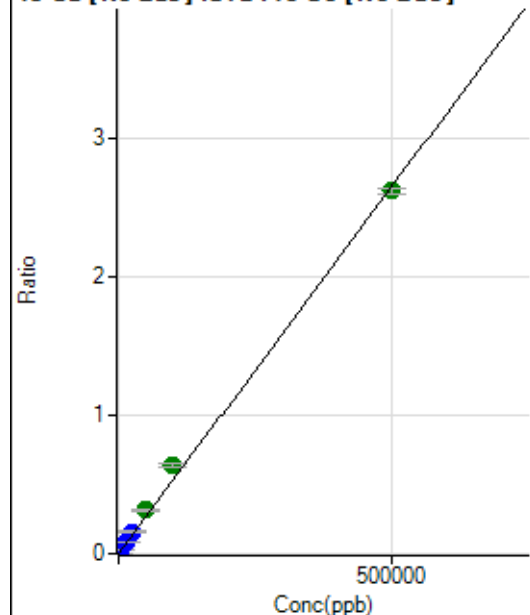
$$R = 1.0000$$

$$DL = 10.56$$

$$BEC = 171.1$$

Weight: <None>

Min Conc: 0

43 Ca [No Gas] ISTD:45 Sc [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	731.14	0.0001	P	6.2
2	☐	500.000	476.199	16620.83	0.0026	P	5.0
3	☐	5000.000	5888.984	197990.25	0.0313	P	0.9
4	☐	12500.000	14636.713	477175.07	0.0776	P	1.2
5	☐	25000.000	30034.520	960032.76	0.1590	P	1.0
6	☐	50000.000	59183.538	1854558.20	0.3132	A	2.1
7	☐	100000.00	120464.61	3656967.86	0.6374	A	4.0
8	☐	500000.00	494674.71	14898675.89	2.6172	A	1.4

$$y = 5.2905\text{E-}006 * x + 1.1695\text{E-}004$$

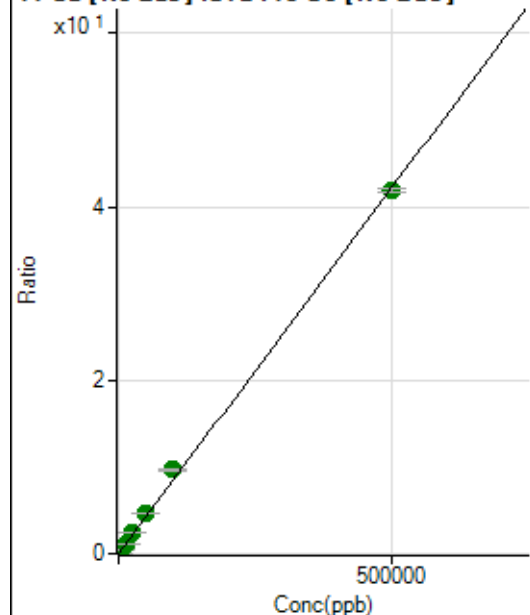
$$R = 0.9990$$

$$DL = 4.084$$

$$BEC = 22.11$$

Weight: <None>

Min Conc: 0

44 Ca [No Gas] ISTD:45 Sc [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	26142.75	0.0042	P	0.7
2	☐	500.000	472.946	277589.65	0.0440	P	5.4
3	☐	5000.000	5733.169	3086169.53	0.4875	A	1.3
4	☐	12500.000	14121.380	7349806.69	1.1945	A	1.1
5	☐	25000.000	28977.239	14771121.31	2.4468	A	1.1
6	☐	50000.000	55608.543	27781849.31	4.6916	A	1.1
7	☐	100000.00	114444.55	55365984.73	9.6511	A	3.6
8	☐	500000.00	496303.53	238178389.7	41.8394	A	1.1

$$y = 8.4294\text{E-}005 * x + 0.0042$$

$$R = 0.9995$$

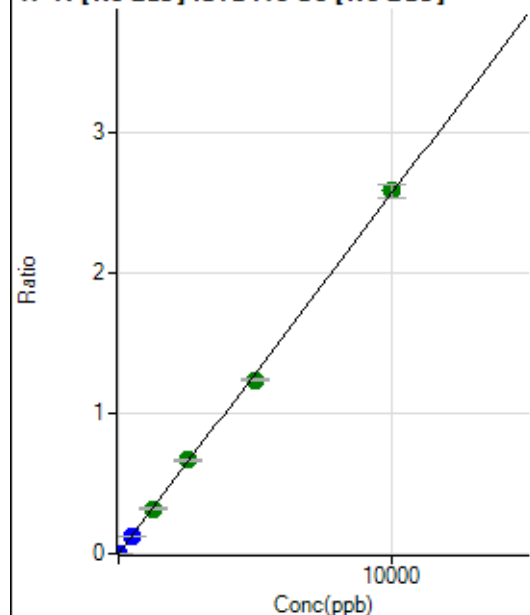
$$DL = 1.044$$

$$BEC = 49.6$$

Weight: <None>

Min Conc: 0

47 Ti [No Gas] ISTD:45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	252.23	0.0000	P	2.9
2	☐	5.000	4.657	7785.52	0.0012	P	5.3
3	☐	500.000	499.350	811373.26	0.1282	P	0.6
4	☐	1250.000	1248.645	1971367.07	0.3204	A	2.0
5	☐	2500.000	2592.512	4015814.63	0.6652	A	0.7
6	☐	5000.000	4812.541	7311848.29	1.2348	A	1.1
7	☐	10000.000	10070.804	14823487.14	2.5839	A	3.6
8	☐			2471.41	0.0004	P	11.2

$$y = 2.5657\text{E-}004 * x + 4.0342\text{E-}005$$

$$R = 0.9997$$

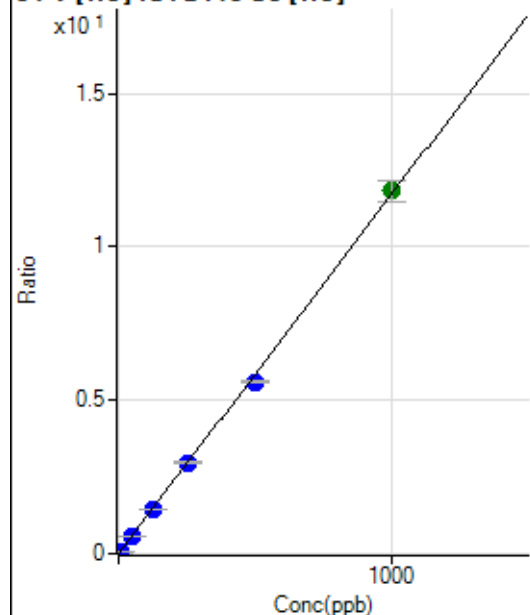
$$DL = 0.01351$$

$$BEC = 0.1572$$

Weight: <None>

Min Conc: 0

51 V [He] ISTD:45 Sc [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	18.89	0.0001	P	44.3
2	☐	5.000	4.534	11448.00	0.0531	P	1.2
3	☐	50.000	49.390	123121.01	0.5780	P	0.9
4	☐	125.000	121.974	298729.96	1.4274	P	0.6
5	☐	250.000	254.092	606480.52	2.9733	P	1.4
6	☐	500.000	478.948	1111042.44	5.6044	P	0.6
7	☐	1000.000	1009.914	2296931.72	11.8175	A	6.0
8	☐			827.81	0.0042	P	3.4

$$y = 0.0117 * x + 8.8202\text{E-}005$$

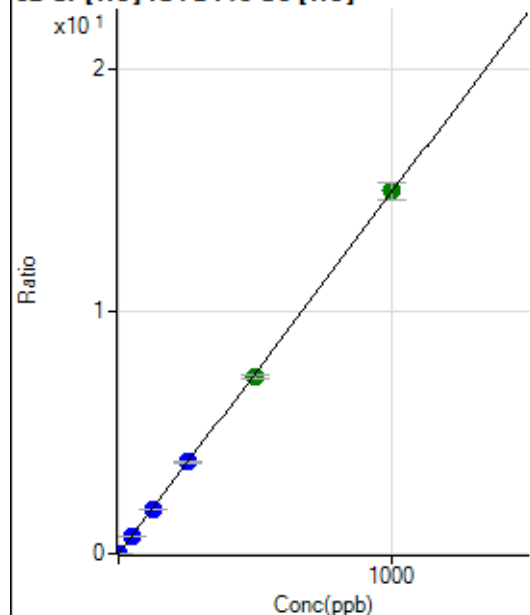
$$R = 0.9997$$

$$DL = 0.01002$$

$$BEC = 0.007538$$

Weight: <None>

Min Conc: 0

52 Cr [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1014.49	0.0047	P	9.7
2	☐	2.000	1.779	6736.10	0.0313	P	2.0
3	☐	50.000	48.785	155960.12	0.7322	P	0.9
4	☐	125.000	121.903	381414.81	1.8225	P	0.2
5	☐	250.000	252.686	769527.48	3.7727	P	1.8
6	☐	500.000	490.423	1450640.10	7.3178	A	2.0
7	☐	1000.000	1004.565	2913797.53	14.9846	A	4.9
8	☐			56430.91	0.2870	P	1.7

$$y = 0.0149 * x + 0.0047$$

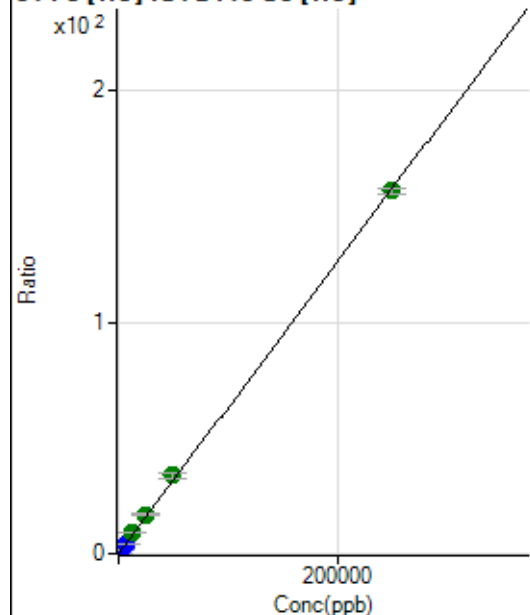
$$R = 0.9999$$

$$DL = 0.09232$$

$$BEC = 0.3177$$

Weight: <None>

Min Conc: 0

54 Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	647.80	0.0030	P	11.8
2	☐	50.000	48.866	7285.26	0.0338	P	3.0
3	☐	2500.000	2738.377	368180.93	1.7284	P	0.4
4	☐	6250.000	6614.382	872788.81	4.1706	P	0.7
5	☐	12500.000	14439.335	1856331.93	9.1010	A	1.8
6	☐	25000.000	26980.493	3370555.36	17.0029	A	2.2
7	☐	50000.000	53569.213	6562456.15	33.7559	A	5.6
8	☐	250000.00	248979.64	30849931.48	156.8801	A	1.6

$$y = 6.3008E-004 * x + 0.0030$$

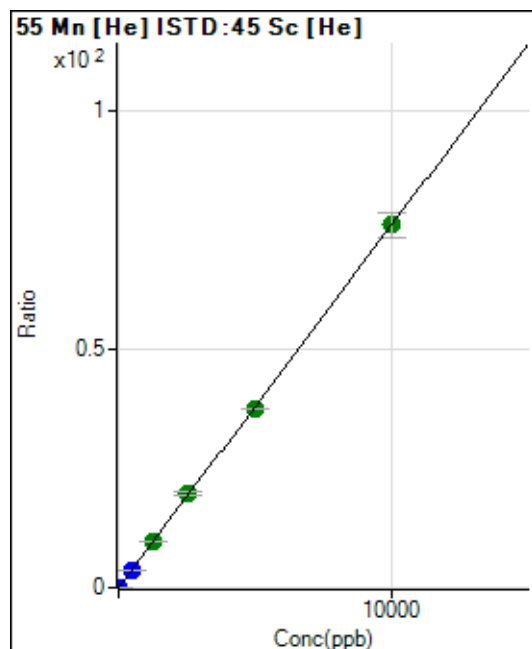
$$R = 0.9999$$

$$DL = 1.692$$

$$BEC = 4.799$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	262.23	0.0012	P	17.9
2	☐	1.000	0.856	1663.45	0.0077	P	5.1
3	☐	500.000	493.285	797553.05	3.7443	P	0.8
4	☐	1250.000	1264.218	2007866.83	9.5943	A	1.2
5	☐	2500.000	2601.831	4027087.86	19.7443	A	2.6
6	☐	5000.000	4930.927	7417833.36	37.4178	A	0.7
7	☐	10000.000	10007.637	14753728.95	75.9406	A	7.2
8	☐			11999.45	0.0611	P	11.7

$$y = 0.0076 * x + 0.0012$$

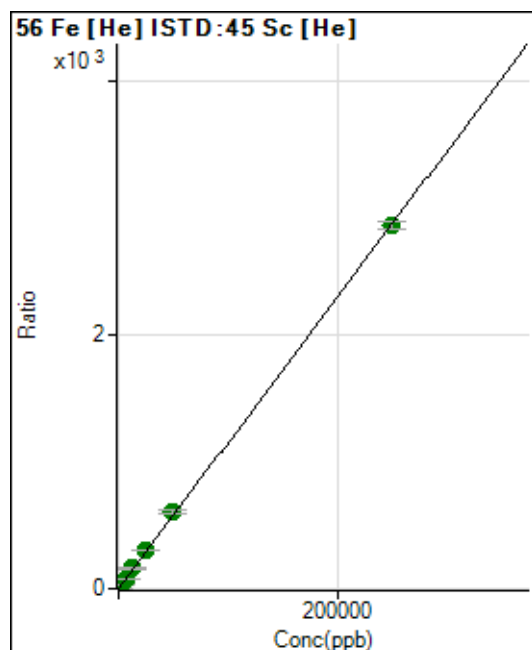
$$R = 0.9999$$

$$DL = 0.08659$$

$$BEC = 0.1613$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4557.44	0.0213	P	1.4
2	☐	50.000	48.866	125530.49	0.5827	P	0.9
3	☐	2500.000	2641.721	6468990.88	30.3724	A	1.9
4	☐	6250.000	6577.328	15819182.54	75.5891	A	1.6
5	☐	12500.000	13869.503	32506890.63	159.3700	A	1.7
6	☐	25000.000	26257.165	59807773.55	301.6936	A	1.0
7	☐	50000.000	52775.424	117846617.1	606.3656	A	6.2
8	☐	250000.00	249241.12	563088169.3	2,863.588	A	2.0

$$y = 0.0115 * x + 0.0213$$

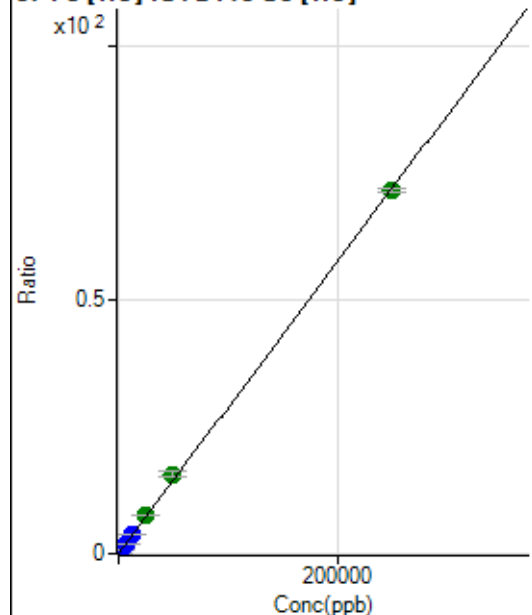
$$R = 0.9999$$

$$DL = 0.0788$$

$$BEC = 1.852$$

Weight: <None>

Min Conc: 0

57 Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	442.24	0.0021	P	8.5
2	☐	50.000	48.829	3468.24	0.0161	P	7.8
3	☐	2500.000	2646.833	162421.91	0.7625	P	0.7
4	☐	6250.000	6645.874	400011.61	1.9114	P	1.0
5	☐	12500.000	13722.999	804623.60	3.9446	P	0.9
6	☐	25000.000	26591.935	1514855.39	7.6418	A	2.3
7	☐	50000.000	54623.281	3050986.34	15.6950	A	5.7
8	☐	250000.00	248843.63	14060032.15	71.4933	A	1.2

$$y = 2.8729\text{E-}004 * x + 0.0021$$

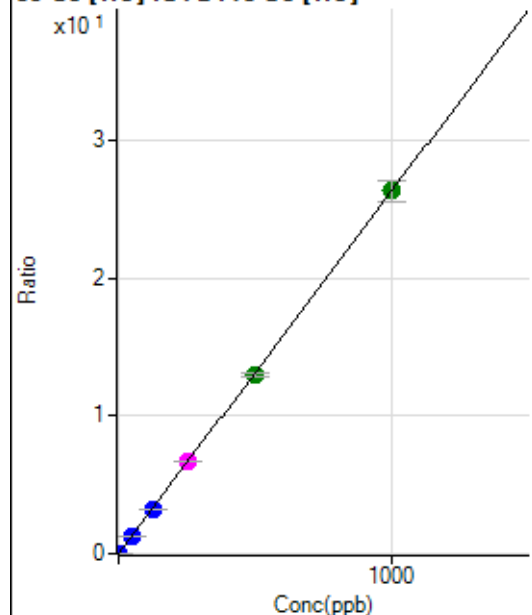
$$R = 0.9998$$

$$DL = 1.841$$

$$BEC = 7.189$$

Weight: <None>

Min Conc: 0

59 Co [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	152.22	0.0007	P	27.7
2	☐	1.000	0.934	5451.09	0.0253	P	0.9
3	☐	50.000	49.672	278838.96	1.3091	P	1.1
4	☐	125.000	122.746	676786.60	3.2338	P	0.1
5	☐	250.000	255.032	1370442.37	6.7183	M	0.6
6	☐	500.000	495.531	2587546.61	13.0530	A	2.1
7	☐	1000.000	1001.275	5126991.73	26.3744	A	5.7
8	☐			13032.16	0.0663	P	8.5

$$y = 0.0263 * x + 7.1080\text{E-}004$$

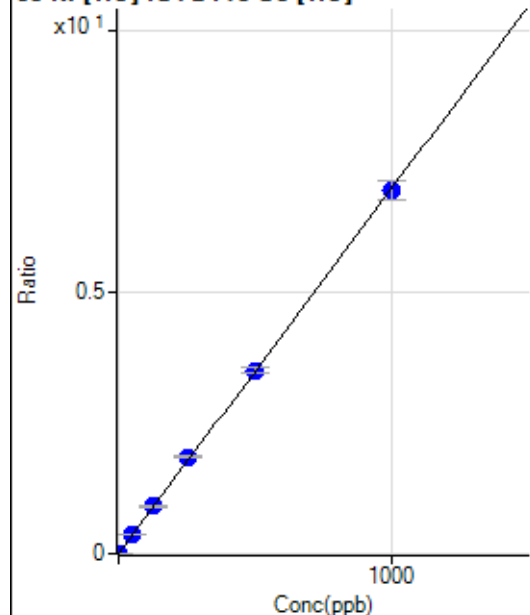
$$R = 1.0000$$

$$DL = 0.02241$$

$$BEC = 0.02699$$

Weight: <None>

Min Conc: 0

⁶⁰Ni [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	405.57	0.0019	P	9.6
2	☐	1.000	0.960	1850.14	0.0086	P	1.5
3	☐	50.000	52.452	78268.48	0.3675	P	2.0
4	☐	125.000	129.102	188707.55	0.9017	P	0.6
5	☐	250.000	265.656	378057.98	1.8535	P	1.6
6	☐	500.000	502.977	695306.97	3.5076	P	2.4
7	☐	1000.000	993.962	1347245.38	6.9296	P	5.4
8	☐			19494.68	0.0991	P	1.9

$$y = 0.0070 * x + 0.0019$$

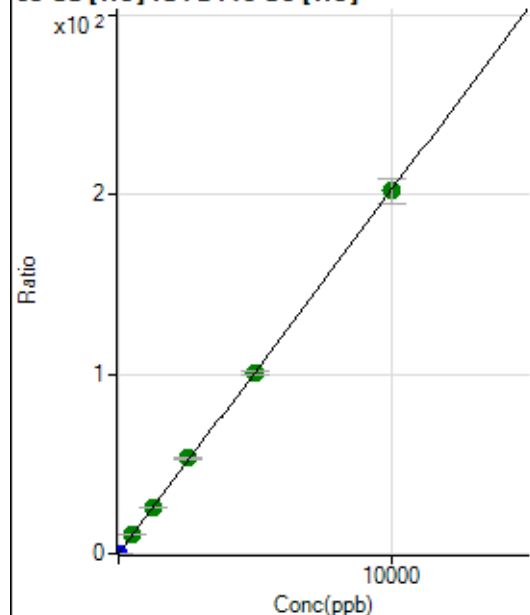
$$R = 0.9999$$

$$DL = 0.07824$$

$$BEC = 0.2716$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8014.54	0.0374	P	1.4
2	☐	2.000	1.925	16455.19	0.0764	P	2.2
3	☐	500.000	521.114	2254306.65	10.5843	A	2.4
4	☐	1250.000	1279.789	5428968.39	25.9393	A	1.4
5	☐	2500.000	2622.995	10835892.96	53.1246	A	2.1
6	☐	5000.000	4973.681	19962742.34	100.7006	A	1.5
7	☐	10000.000	9977.631	39243361.08	201.9763	A	7.0
8	☐			21902.36	0.1116	P	24.1

$$y = 0.0202 * x + 0.0374$$

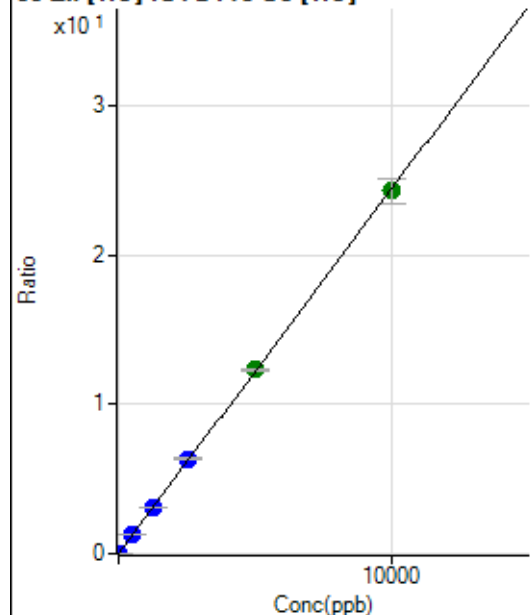
$$R = 0.9999$$

$$DL = 0.07858$$

$$BEC = 1.849$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD: ⁴⁵Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	703.36	0.0033	P	3.6
2	☐	2.000	4.712	3190.40	0.0148	P	1.9
3	☐	500.000	514.256	268674.95	1.2613	P	0.3
4	☐	1250.000	1276.562	654290.44	3.1262	P	0.7
5	☐	2500.000	2597.355	1296746.99	6.3573	P	1.2
6	☐	5000.000	5046.876	2448271.77	12.3497	A	1.0
7	☐	10000.000	9948.190	4729208.68	24.3401	A	7.0
8	☐			4971.36	0.0253	P	16.4

$$y = 0.0024 * x + 0.0033$$

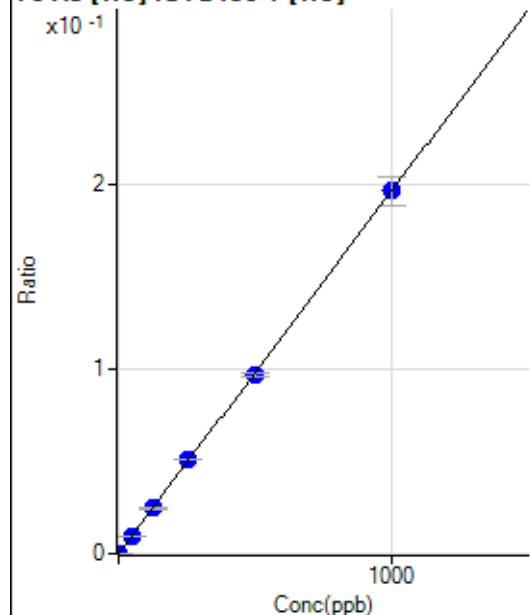
$$R = 0.9999$$

$$DL = 0.1436$$

$$BEC = 1.342$$

Weight: <None>

Min Conc: 0

⁷⁵As [He] ISTD: ⁸⁹Y [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	1.000	1.002	294.45	0.0002	P	19.4
3	☐	50.000	49.908	15037.01	0.0098	P	1.8
4	☐	125.000	125.568	37163.42	0.0247	P	1.6
5	☐	250.000	261.189	74850.92	0.0514	P	0.5
6	☐	500.000	493.226	137294.42	0.0970	P	3.1
7	☐	1000.000	1000.523	274445.84	0.1968	P	8.2
8	☐			214.45	0.0002	P	7.1

$$y = 1.9673E-004 * x + 7.3792E-007$$

$$R = 0.9999$$

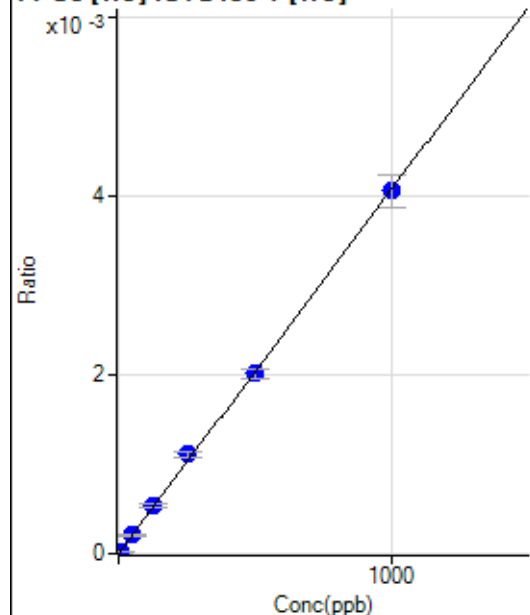
$$DL = 0.01949$$

$$BEC = 0.003751$$

Weight: <None>

Min Conc: 0

77 Se [He] ISTD:89 Y [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	5.000	4.965	31.11	0.0000	P	19.1
3	☐	50.000	50.601	316.68	0.0002	P	6.7
4	☐	125.000	130.430	798.92	0.0005	P	7.5
5	☐	250.000	271.917	1612.33	0.0011	P	5.7
6	☐	500.000	495.881	2853.66	0.0020	P	5.4
7	☐	1000.000	995.872	5645.64	0.0041	P	9.1
8	☐			4.44	0.0000	P	113.2

$$y = 4.0670\text{E-}006 * x + 7.1706\text{E-}007$$

$$R = 0.9997$$

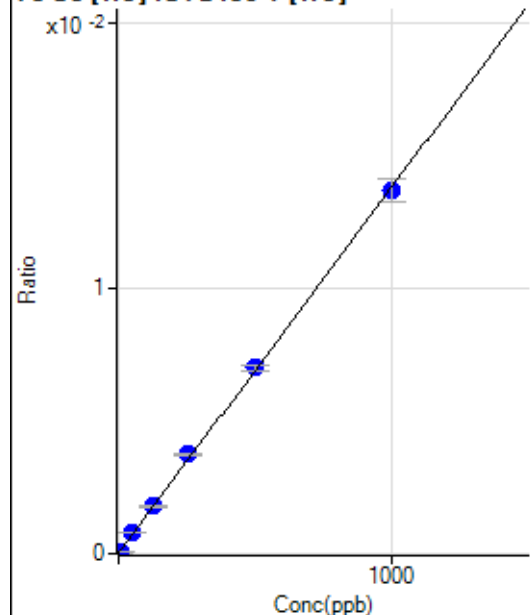
$$DL = 0.9161$$

$$BEC = 0.1763$$

Weight: <None>

Min Conc: 0

78 Se [He] ISTD:89 Y [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	28.89	0.0000	P	15.8
2	☐	5.000	5.621	144.45	0.0001	P	7.3
3	☐	50.000	55.538	1203.40	0.0008	P	2.9
4	☐	125.000	127.654	2680.29	0.0018	P	4.0
5	☐	250.000	269.531	5447.78	0.0037	P	1.2
6	☐	500.000	507.648	9943.59	0.0070	P	3.5
7	☐	1000.000	990.681	19114.22	0.0137	P	6.4
8	☐			32.22	0.0000	P	31.3

$$y = 1.3806\text{E-}005 * x + 1.9062\text{E-}005$$

$$R = 0.9997$$

$$DL = 0.6538$$

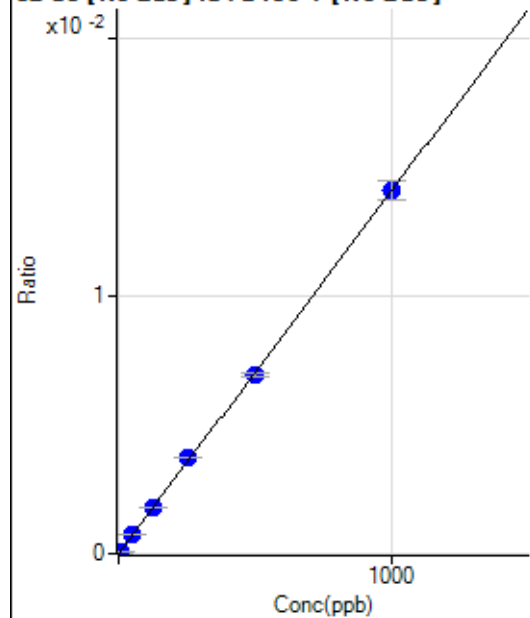
$$BEC = 1.381$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5774.58		P	3.2
2	☐			5811.27		P	0.7
3	☐			5371.09		P	5.2
4	☐			5396.66		P	2.7
5	☐			5297.72		P	0.7
6	☐			5085.41		P	0.9
7	☐			5098.75		P	3.0
8	☐			5407.77		P	6.4

82 Se [No Gas] ISTD: 89 Y [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-22.22	0.0000	P	-330.
2	☐	5.000	4.594	843.39	0.0001	P	13.3
3	☐	50.000	52.572	9961.68	0.0007	P	1.7
4	☐	125.000	127.922	23942.30	0.0018	P	0.9
5	☐	250.000	264.036	49182.84	0.0037	P	0.5
6	☐	500.000	491.894	90077.45	0.0069	P	2.0
7	☐	1000.000	1000.052	174058.20	0.0141	P	5.3
8	☐			74.45	0.0000	P	18.1

$$y = 1.4064E-005 * x - 1.6349E-006$$

$$R = 0.9998$$

$$DL = 1.154$$

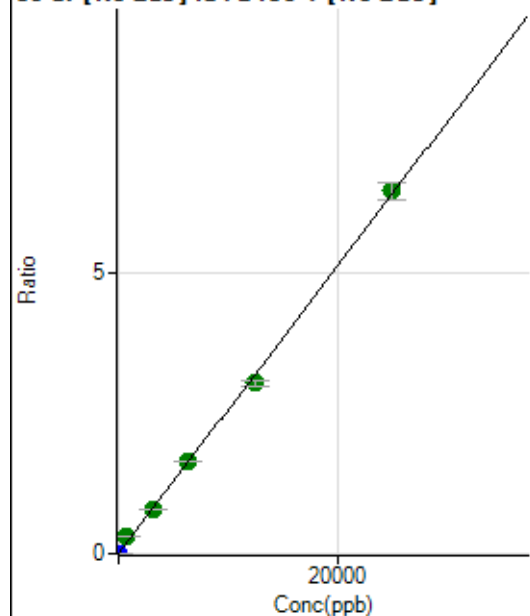
$$BEC = -0.1162$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			378.90		P	18.5
2	☐			372.23		P	9.9
3	☐			383.34		P	11.8
4	☐			333.34		P	2.0
5	☐			363.34		P	18.8
6	☐			315.56		P	17.6
7	☐			328.90		P	3.6
8	☐			312.23		P	15.6

86 Sr [No Gas] ISTD : 89 Y [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	610.02	0.0000	P	4.5
2	☐	1.000	0.894	3674.96	0.0003	P	4.2
3	☐	625.000	1232.437	4263658.17	0.3158	A	2.1
4	☐	3125.000	3044.541	10389200.96	0.7800	A	1.0
5	☐	6250.000	6389.748	21690287.17	1.6369	A	0.1
6	☐	12500.000	11868.700	39593335.80	3.0405	A	2.6
7	☐	25000.000	25275.584	80163223.25	6.4750	A	4.4
8	☐			14107.20	0.0011	P	23.0

$$y = 2.5618E-004 * x + 4.5755E-005$$

$$R = 0.9992$$

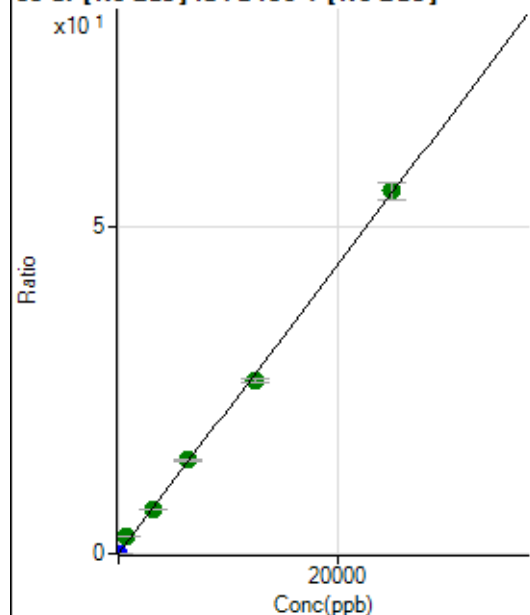
$$DL = 0.02424$$

$$BEC = 0.1786$$

Weight: <None>

Min Conc: 0

88 Sr [No Gas] ISTD:89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	392.23	0.0000	P	8.3
2	☐	1.000	0.916	27351.34	0.0020	P	2.6
3	☐	625.000	1237.744	36750277.23	2.7215	A	0.9
4	☐	3125.000	3045.238	89192742.01	6.6957	A	2.4
5	☐	6250.000	6493.144	189176459.4	14.2768	A	1.0
6	☐	12500.000	11995.520	343477832.6	26.3752	A	2.0
7	☐	25000.000	25186.106	685515252.0	55.3780	A	4.8
8	☐			122025.00	0.0098	P	33.7

$$y = 0.0022 * x + 2.9406E-005$$

$$R = 0.9993$$

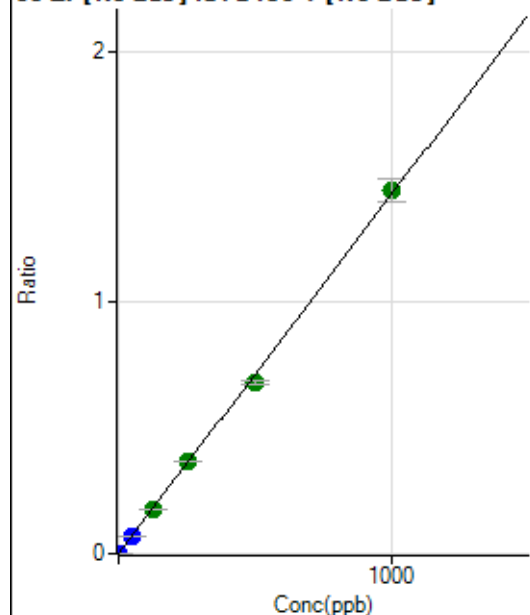
$$DL = 0.003325$$

$$BEC = 0.01337$$

Weight: <None>

Min Conc: 0

90 Zr [No Gas] ISTD:89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	557.79	0.0000	P	16.5
2	☐	1.000	0.860	17013.84	0.0013	P	2.5
3	☐	50.000	48.085	929002.74	0.0688	P	2.1
4	☐	125.000	123.805	2358776.75	0.1771	A	0.8
5	☐	250.000	257.380	4877475.17	0.3681	A	0.8
6	☐	500.000	476.647	8878040.14	0.6816	A	1.3
7	☐	1000.000	1010.077	17874169.73	1.4444	A	6.2
8	☐			9010.12	0.0007	P	16.3

$$y = 0.0014 * x + 4.1870E-005$$

$$R = 0.9996$$

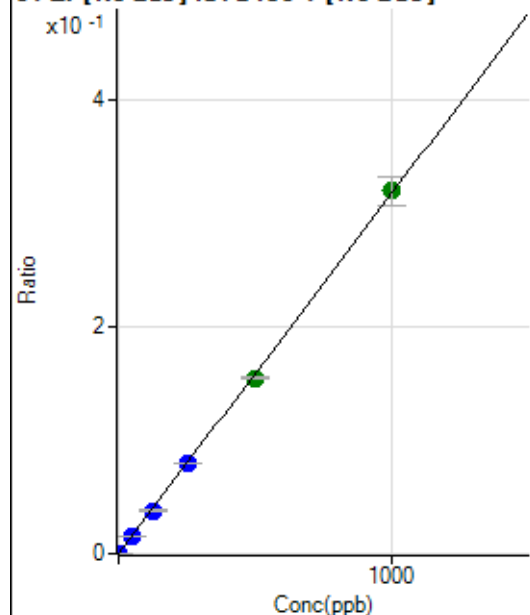
$$DL = 0.0145$$

$$BEC = 0.02928$$

Weight: <None>

Min Conc: 0

91 Zr [No Gas] ISTD: 89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	110.00	0.0000	P	17.7
2	☐	1.000	0.853	3728.32	0.0003	P	6.2
3	☐	50.000	47.715	204385.48	0.0151	P	2.4
4	☐	125.000	119.512	504879.53	0.0379	P	1.2
5	☐	250.000	249.797	1049571.61	0.0792	P	0.9
6	☐	500.000	486.467	2009021.78	0.1543	A	1.2
7	☐	1000.000	1007.618	3951392.02	0.3195	A	7.6
8	☐			1987.98	0.0002	P	15.9

$$y = 3.1707\text{E-}004 * x + 8.2577\text{E-}006$$

$$R = 0.9999$$

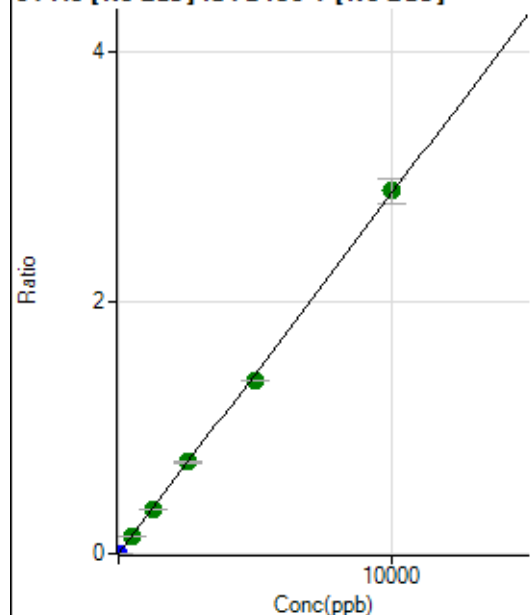
$$DL = 0.01387$$

$$BEC = 0.02604$$

Weight: <None>

Min Conc: 0

94 Mo [No Gas] ISTD: 89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	258.90	0.0000	P	6.8
2	☐	5.000	5.145	19973.35	0.0015	P	4.4
3	☐	500.000	486.434	1881929.70	0.1393	A	1.8
4	☐	1250.000	1215.812	4638804.65	0.3483	A	2.0
5	☐	2500.000	2554.627	9695010.69	0.7317	A	1.7
6	☐	5000.000	4820.117	17981939.73	1.3806	A	0.6
7	☐	10000.000	10081.236	35714158.63	2.8875	A	7.2
8	☐			15610.66	0.0012	P	16.8

$$y = 2.8642\text{E-}004 * x + 1.9412\text{E-}005$$

$$R = 0.9997$$

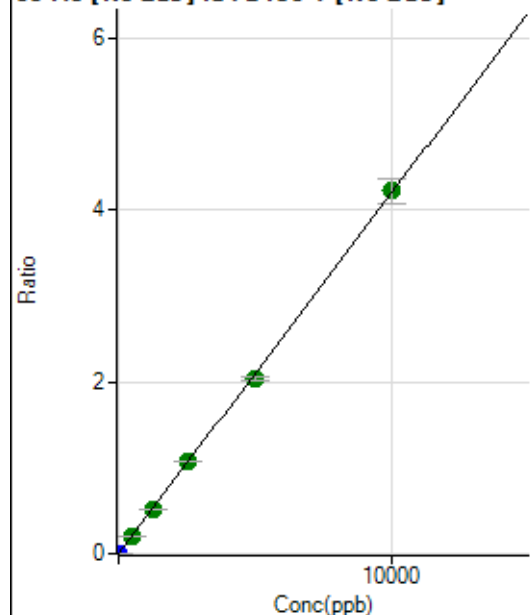
$$DL = 0.0139$$

$$BEC = 0.06778$$

Weight: <None>

Min Conc: 0

95 Mo [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	60.00	0.0000	P	28.7
2	☐	5.000	4.344	24436.05	0.0018	P	4.2
3	☐	500.000	489.576	2772638.85	0.2053	A	1.1
4	☐	1250.000	1224.738	6841151.22	0.5136	A	1.2
5	☐	2500.000	2550.784	14174261.17	1.0697	A	0.7
6	☐	5000.000	4859.835	26542373.77	2.0380	A	1.6
7	☐	10000.000	10061.066	52196370.89	4.2192	A	6.8
8	☐			22179.01	0.0018	P	15.1

$$y = 4.1936\text{E-}004 * x + 4.5074\text{E-}006$$

$$R = 0.9998$$

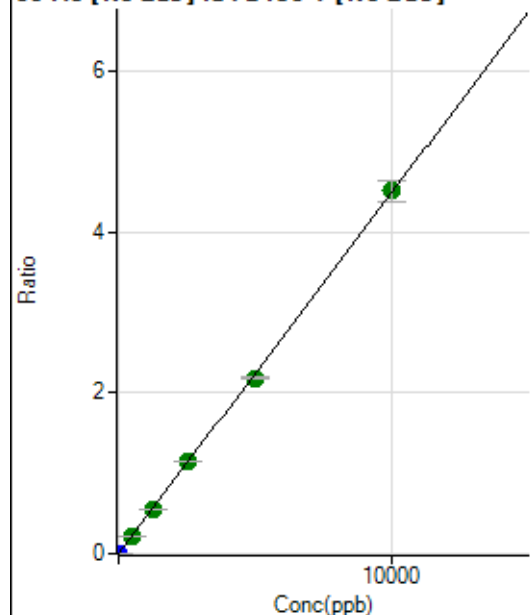
$$DL = 0.009259$$

$$BEC = 0.01075$$

Weight: <None>

Min Conc: 0

96 Mo [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	98.89	0.0000	P	8.5
2	☐	5.000	4.479	26992.99	0.0020	P	2.3
3	☐	500.000	499.832	3028053.71	0.2242	A	0.7
4	☐	1250.000	1230.312	7351114.89	0.5519	A	1.6
5	☐	2500.000	2561.164	15223283.52	1.1489	A	1.0
6	☐	5000.000	4871.333	28458312.91	2.1852	A	1.9
7	☐	10000.000	10051.512	55798955.28	4.5090	A	5.8
8	☐			24362.56	0.0019	P	11.1

$$y = 4.4859\text{E-}004 * x + 7.4187\text{E-}006$$

$$R = 0.9999$$

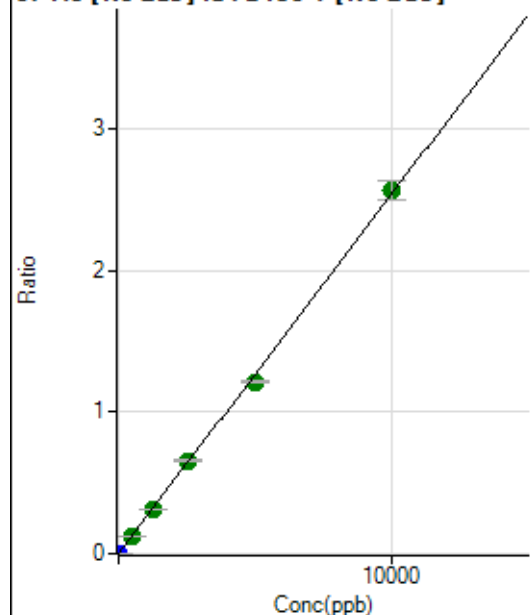
$$DL = 0.004208$$

$$BEC = 0.01654$$

Weight: <None>

Min Conc: 0

97 Mo [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	22.22	0.0000	P	46.7
2	☐	5.000	4.421	15038.25	0.0011	P	3.5
3	☐	500.000	498.816	1709408.64	0.1266	A	1.6
4	☐	1250.000	1234.086	4171814.73	0.3132	A	0.4
5	☐	2500.000	2569.187	8639009.25	0.6520	A	2.1
6	☐	5000.000	4780.274	15800192.96	1.2132	A	1.5
7	☐	10000.000	10094.615	31707318.97	2.5619	A	5.5
8	☐			13417.66	0.0011	P	11.3

$$y = 2.5379\text{E-}004 * x + 1.6703\text{E-}006$$

$$R = 0.9996$$

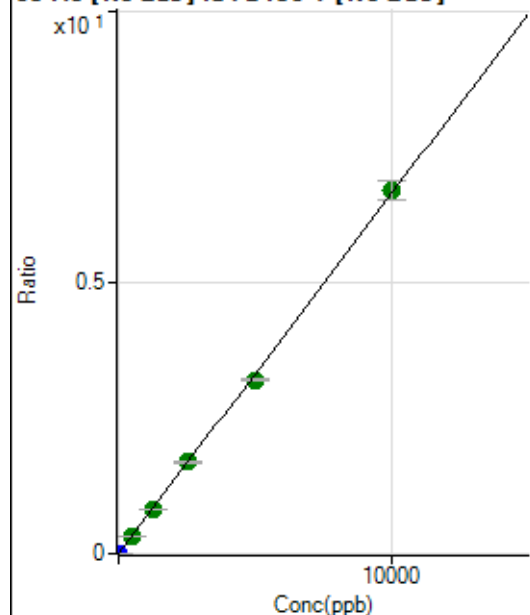
$$DL = 0.00923$$

$$BEC = 0.006582$$

Weight: <None>

Min Conc: 0

98 Mo [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	76.67	0.0000	P	20.0
2	☐	5.000	4.343	38696.14	0.0029	P	3.2
3	☐	500.000	489.112	4388967.71	0.3250	A	1.2
4	☐	1250.000	1214.626	10751086.44	0.8071	A	1.4
5	☐	2500.000	2551.508	22465708.28	1.6955	A	1.2
6	☐	5000.000	4823.885	41750967.99	3.2056	A	0.8
7	☐	10000.000	10080.147	82905044.32	6.6984	A	5.2
8	☐			34019.28	0.0027	P	11.5

$$y = 6.6452\text{E-}004 * x + 5.7501\text{E-}006$$

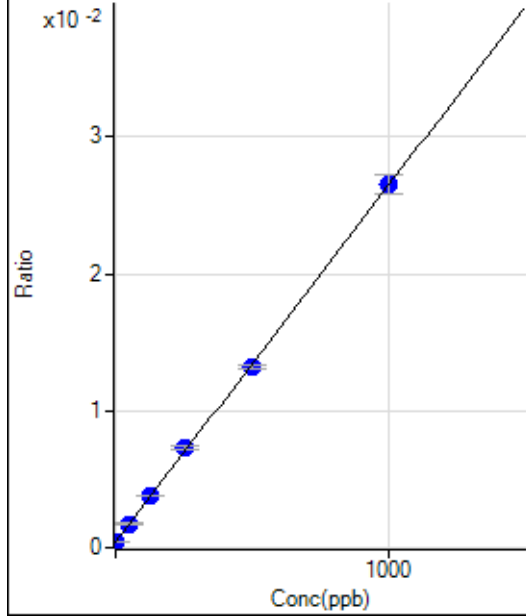
$$R = 0.9998$$

$$DL = 0.00518$$

$$BEC = 0.008653$$

Weight: <None>

Min Conc: 0

106 Cd [No Gas] ISTD :159 Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4332.95	0.0004	P	3.5
2	☐	1.000	0.828	4641.95	0.0004	P	2.5
3	☐	50.000	51.051	18905.32	0.0017	P	2.6
4	☐	125.000	129.509	41258.52	0.0038	P	0.4
5	☐	250.000	265.054	80464.59	0.0073	P	2.4
6	☐	500.000	488.792	143088.75	0.0131	P	2.2
7	☐	1000.000	1001.224	277209.24	0.0265	P	5.4
8	☐			4549.68	0.0004	P	3.7

$$y = 2.6055\text{E-}005 * x + 4.0610\text{E-}004$$

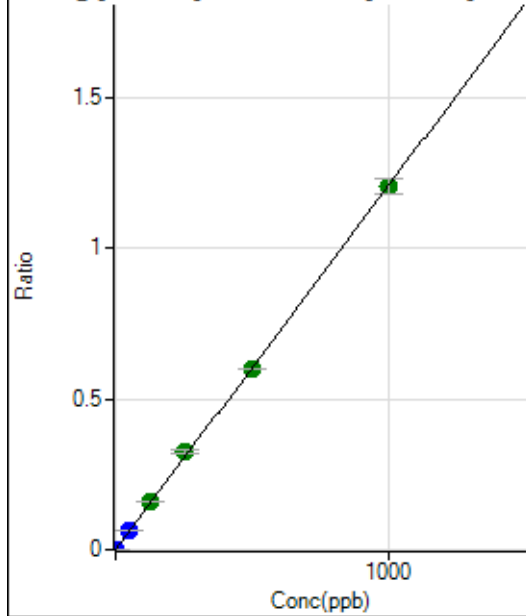
$$R = 0.9998$$

$$DL = 1.615$$

$$BEC = 15.59$$

Weight: <None>

Min Conc: 0

107 Ag [No Gas] ISTD :159 Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	87.78	0.0000	P	30.3
2	☐	1.000	0.930	12282.25	0.0011	P	6.2
3	☐	50.000	52.501	691327.00	0.0635	P	1.3
4	☐	125.000	132.074	1742837.16	0.1597	A	1.3
5	☐	250.000	269.227	3582961.58	0.3255	A	2.5
6	☐	500.000	495.136	6520833.10	0.5987	A	0.4
7	☐	1000.000	996.616	12613803.42	1.2051	A	4.1
8	☐			2384.73	0.0002	P	4.0

$$y = 0.0012 * x + 8.2242\text{E-}006$$

$$R = 0.9998$$

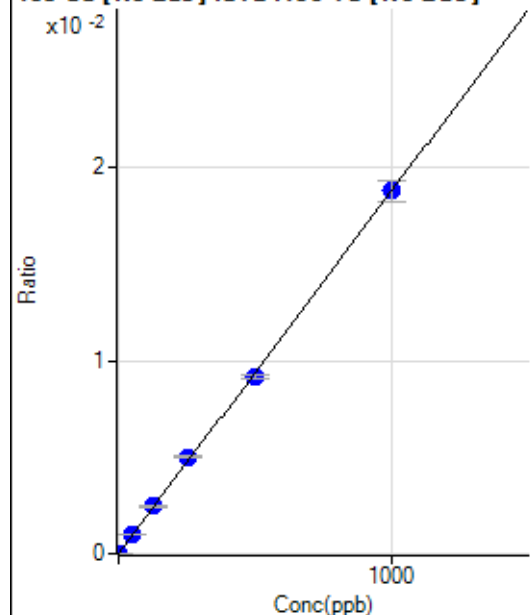
$$DL = 0.006183$$

$$BEC = 0.006802$$

Weight: <None>

Min Conc: 0

108 Cd [No Gas] ISTD:159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	17.78	0.0000	P	64.6
2	☐	1.000	0.968	214.45	0.0000	P	18.8
3	☐	50.000	52.541	10760.97	0.0010	P	4.1
4	☐	125.000	130.140	26680.44	0.0024	P	2.6
5	☐	250.000	267.230	55221.47	0.0050	P	3.5
6	☐	500.000	488.879	99967.47	0.0092	P	1.9
7	☐	1000.000	1000.483	196569.61	0.0188	P	5.5
8	☐			138.89	0.0000	P	16.6

$$y = 1.8776E-005 * x + 1.6509E-006$$

$$R = 0.9997$$

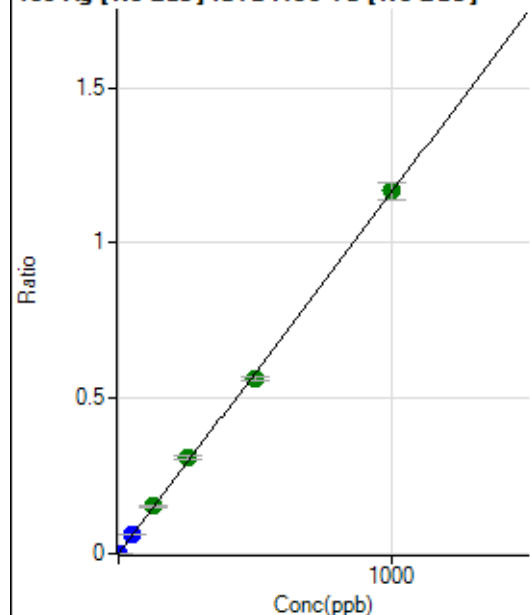
$$DL = 0.1703$$

$$BEC = 0.08792$$

Weight: <None>

Min Conc: 0

109 Ag [No Gas] ISTD:159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	37.78	0.0000	P	18.9
2	☐	1.000	0.938	11867.41	0.0011	P	5.7
3	☐	50.000	52.293	662357.46	0.0608	P	0.7
4	☐	125.000	130.477	1656254.33	0.1518	A	1.7
5	☐	250.000	264.857	3389678.56	0.3081	A	3.3
6	☐	500.000	483.987	6129470.39	0.5630	A	2.6
7	☐	1000.000	1003.493	12216034.68	1.1672	A	4.6
8	☐			2196.90	0.0002	P	5.1

$$y = 0.0012 * x + 3.5334E-006$$

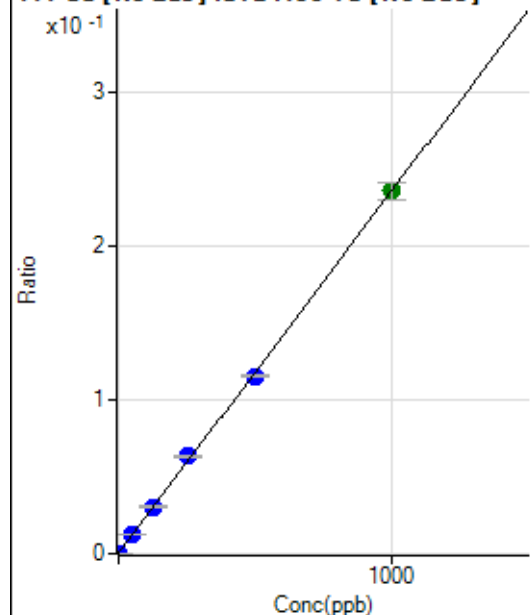
$$R = 0.9997$$

$$DL = 0.001725$$

$$BEC = 0.003038$$

Weight: <None>

Min Conc: 0

111 Cd [No Gas] ISTD :159 Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3045.06	0.0003	P	3.7
2	☐	1.000	0.937	5489.48	0.0005	P	2.6
3	☐	50.000	53.174	139301.43	0.0128	P	1.9
4	☐	125.000	128.827	333851.59	0.0306	P	1.0
5	☐	250.000	267.046	694348.78	0.0631	P	3.1
6	☐	500.000	488.461	1254376.43	0.1152	P	1.4
7	☐	1000.000	1000.871	2467015.47	0.2357	A	4.9
8	☐			3663.13	0.0004	P	1.7

$$y = 2.3524\text{E-}004 * x + 2.8541\text{E-}004$$

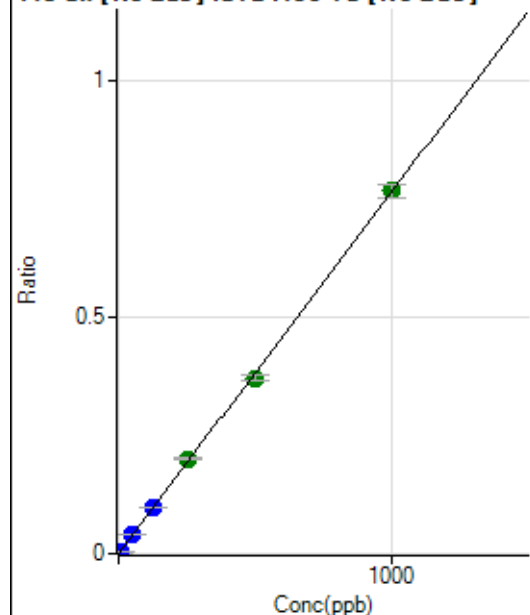
$$R = 0.9997$$

$$DL = 0.1356$$

$$BEC = 1.213$$

Weight: <None>

Min Conc: 0

118 Sn [No Gas] ISTD :159 Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2041.31	0.0002	P	6.9
2	☐	5.000	4.621	40309.26	0.0037	P	4.7
3	☐	50.000	51.402	428915.17	0.0394	P	1.5
4	☐	125.000	126.580	1055537.83	0.0967	P	1.5
5	☐	250.000	263.042	2209116.51	0.2008	A	3.7
6	☐	500.000	486.065	4038167.89	0.3709	A	2.5
7	☐	1000.000	1003.441	8012913.42	0.7655	A	4.0
8	☐			9245.57	0.0009	P	4.0

$$y = 7.6265\text{E-}004 * x + 1.9143\text{E-}004$$

$$R = 0.9998$$

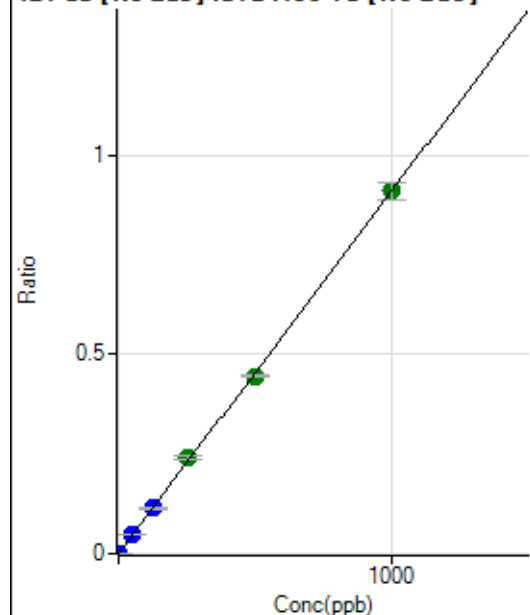
$$DL = 0.0523$$

$$BEC = 0.251$$

Weight: <None>

Min Conc: 0

121 Sb [No Gas] ISTD :159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	67.78	0.0000	P	5.3
2	☐	2.000	1.908	18895.41	0.0017	P	4.5
3	☐	50.000	51.534	510549.82	0.0469	P	1.0
4	☐	125.000	124.974	1240790.48	0.1137	P	0.9
5	☐	250.000	266.574	2668415.25	0.2425	A	3.2
6	☐	500.000	488.943	4844155.38	0.4448	A	1.2
7	☐	1000.000	1001.312	9533134.79	0.9109	A	4.9
8	☐			8659.75	0.0008	P	8.7

$$y = 9.0974\text{E-}004 * x + 6.3547\text{E-}006$$

$$R = 0.9998$$

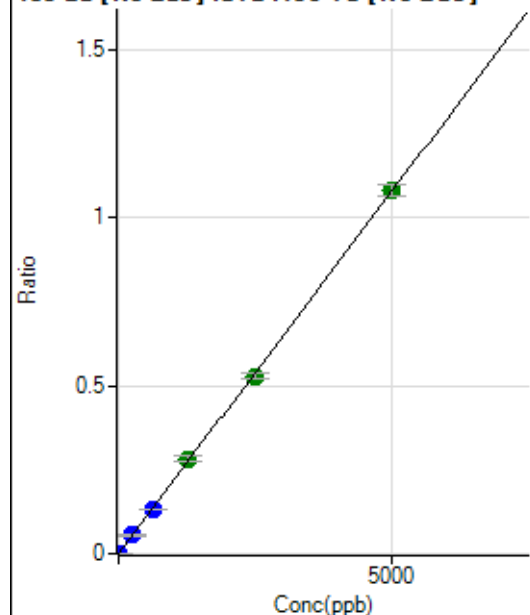
$$DL = 0.001101$$

$$BEC = 0.006985$$

Weight: <None>

Min Conc: 0

135 Ba [No Gas] ISTD :159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	80.00	0.0000	P	24.7
2	☐	10.000	9.055	21249.01	0.0020	P	5.1
3	☐	250.000	252.608	592919.09	0.0544	P	0.4
4	☐	625.000	616.974	1451171.28	0.1330	P	0.7
5	☐	1250.000	1314.416	3116045.16	0.2833	A	4.6
6	☐	2500.000	2446.571	5740505.40	0.5273	A	3.1
7	☐	5000.000	5011.485	11308476.08	1.0801	A	3.2
8	☐			5138.92	0.0005	P	5.4

$$y = 2.1552\text{E-}004 * x + 7.4776\text{E-}006$$

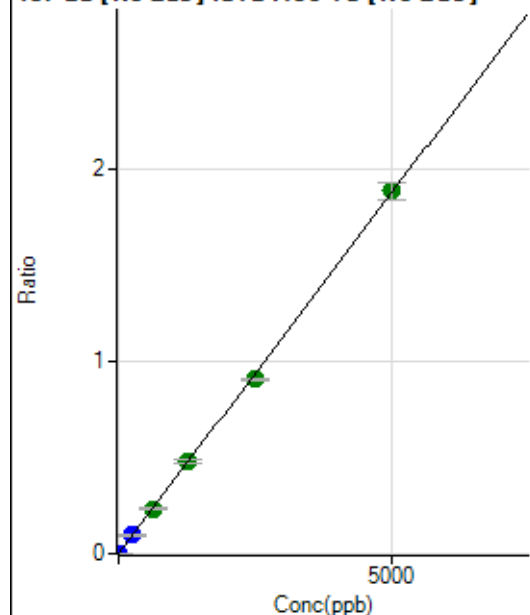
$$R = 0.9998$$

$$DL = 0.0257$$

$$BEC = 0.0347$$

Weight: <None>

Min Conc: 0

137 Ba [No Gas] ISTD :159 Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	101.11	0.0000	P	17.4
2	☐	10.000	9.103	37201.16	0.0034	P	3.5
3	☐	250.000	254.668	1041472.79	0.0957	P	2.1
4	☐	625.000	626.348	2567065.85	0.2353	A	2.1
5	☐	1250.000	1283.033	5301390.89	0.4819	A	3.8
6	☐	2500.000	2417.432	9886242.01	0.9079	A	1.9
7	☐	5000.000	5032.626	19780696.37	1.8901	A	5.0
8	☐			8884.64	0.0008	P	8.2

$$y = 3.7558\text{E-}004 * x + 9.4931\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.01318$$

$$BEC = 0.02528$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12.22		P	103.3
2	☐			15.56		P	32.7
3	☐			51.11		P	19.9
4	☐			87.78		P	8.8
5	☐			211.12		P	16.0
6	☐			612.24		P	2.7
7	☐			680.02		P	6.7
8	☐			218.89		P	15.6

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐			3.33		P	100.1
3	☐			4.45		P	86.6
4	☐			8.89		P	21.6
5	☐			11.11		P	69.3
6	☐			105.56		P	4.8
7	☐			44.45		P	24.1
8	☐			54.44		P	27.6

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			20.00		P	16.7
2	☐			24.44		P	7.9
3	☐			34.44		P	24.3
4	☐			70.00		P	38.1
5	☐			92.22		P	14.6
6	☐			260.01		P	20.1
7	☐			242.23		P	10.1
8	☐			387.79		P	6.9

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐			5.56		P	91.6
3	☐			13.33		P	66.2
4	☐			30.00		P	19.2
5	☐			68.89		P	24.4
6	☐			174.45		P	9.6
7	☐			218.89		P	3.2
8	☐			154.45		P	3.3

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			91.11		P	9.2
2	☐			74.44		P	22.1
3	☐			108.89		P	6.4
4	☐			86.67		P	10.2
5	☐			117.78		P	20.1
6	☐			258.90		P	8.6
7	☐			188.89		P	16.8
8	☐			360.01		P	2.8

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			264.45		P	14.9
2	☐			217.78		P	3.2
3	☐			258.89		P	4.1
4	☐			213.34		P	4.1
5	☐			230.00		P	15.1
6	☐			307.79		P	11.9
7	☐			243.34		P	15.4
8	☐			418.90		P	12.9

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			77.78		P	17.8
2	☐			85.55		P	24.7
3	☐			87.78		P	5.8
4	☐			96.67		P	0.0
5	☐			83.33		P	17.4
6	☐			268.89		P	11.2
7	☐			174.45		P	9.8
8	☐			400.01		P	9.6

164 Er [He] No available calibration points

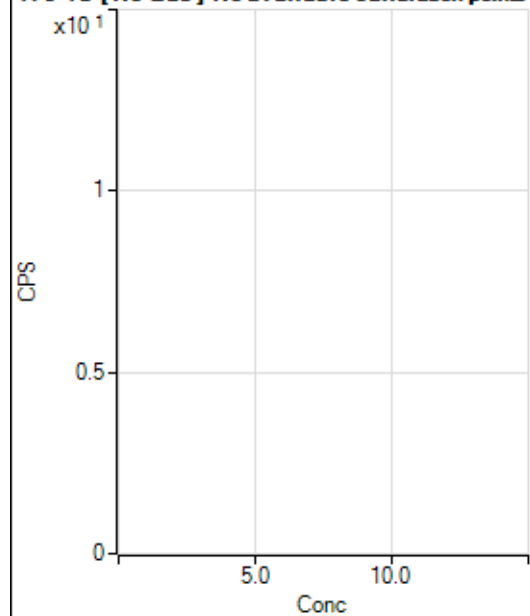
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.00		P	11.1
2	☐			36.67		P	24.1
3	☐			28.89		P	24.0
4	☐			32.22		P	29.8
5	☐			45.55		P	15.2
6	☐			108.89		P	12.4
7	☐			76.67		P	21.7
8	☐			162.22		P	27.9

172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			60.00		P	14.7
2	☐			58.89		P	32.7
3	☐			74.44		P	17.0
4	☐			93.34		P	37.6
5	☐			135.56		P	12.1
6	☐			213.34		P	4.1
7	☐			305.56		P	1.3
8	☐			448.90		P	8.6

172 Yb [He] No available calibration points

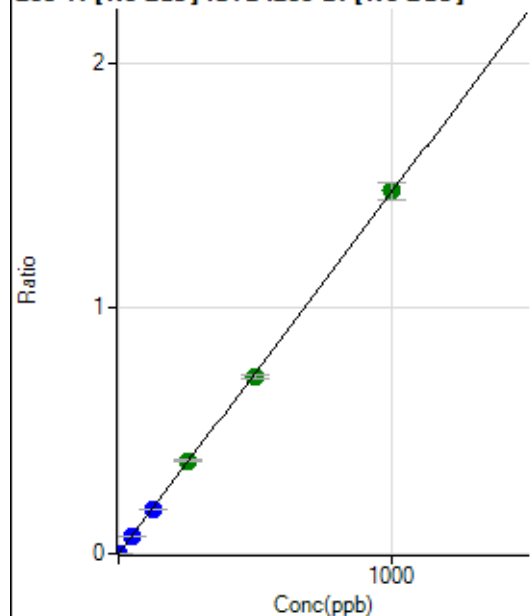
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			28.89		P	59.2
2	☐			23.33		P	57.2
3	☐			42.22		P	9.1
4	☐			56.67		P	15.6
5	☐			71.11		P	27.5
6	☐			122.23		P	15.0
7	☐			134.45		P	18.3
8	☐			232.23		P	3.0

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1453.43		P	2.4
2	☐			1395.65		P	6.8
3	☐			3501.61		P	5.5
4	☐			6420.51		P	2.2
5	☐			12101.21		P	2.7
6	☐			20879.94		P	1.1
7	☐			39792.10		P	0.6
8	☐			1671.24		P	1.4

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			20039.77		P	1.5
2	☐			19712.60		P	2.3
3	☐			20853.26		P	4.2
4	☐			21742.52		P	1.5
5	☐			24411.53		P	1.1
6	☐			27898.47		P	2.0
7	☐			36627.55		P	4.4
8	☐			19817.20		P	0.5

203 Tl [No Gas] ISTD :209 Bi [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	317.78	0.0001	P	7.7
2	☐	1.000	0.884	8546.23	0.0014	P	4.2
3	☐	50.000	49.647	468847.14	0.0732	P	0.6
4	☐	125.000	121.675	1151616.70	0.1792	P	0.5
5	☐	250.000	257.463	2410422.39	0.3791	A	1.8
6	☐	500.000	489.595	4465749.76	0.7209	A	2.7
7	☐	1000.000	1003.770	8801024.04	1.4780	A	4.5
8	☐			2933.82	0.0005	P	16.0

$$y = 0.0015 * x + 5.1422E-005$$

$$R = 0.9999$$

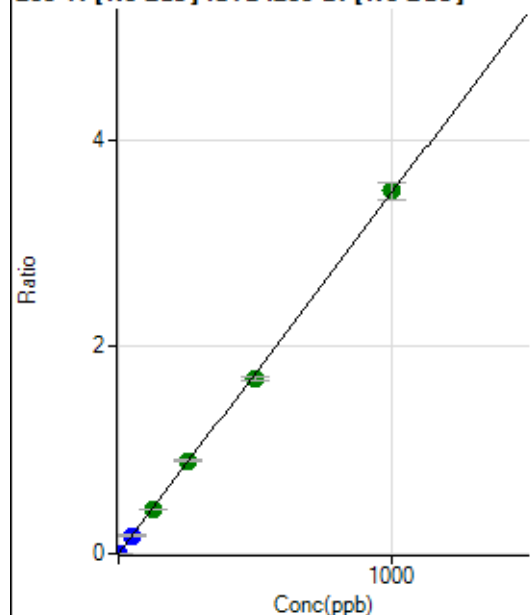
$$DL = 0.008041$$

$$BEC = 0.03492$$

Weight: <None>

Min Conc: 0

205 Tl [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	694.47	0.0001	P	2.2
2	☐	1.000	0.893	20366.10	0.0032	P	4.2
3	☐	50.000	50.266	1122708.30	0.1752	P	2.2
4	☐	125.000	122.173	2735512.08	0.4256	A	0.9
5	☐	250.000	257.968	5711704.98	0.8986	A	3.6
6	☐	500.000	484.588	10457784.22	1.6879	A	1.7
7	☐	1000.000	1006.054	20866492.75	3.5042	A	4.6
8	☐			6713.17	0.0012	P	8.2

$$y = 0.0035 * x + 1.1225E-004$$

$$R = 0.9998$$

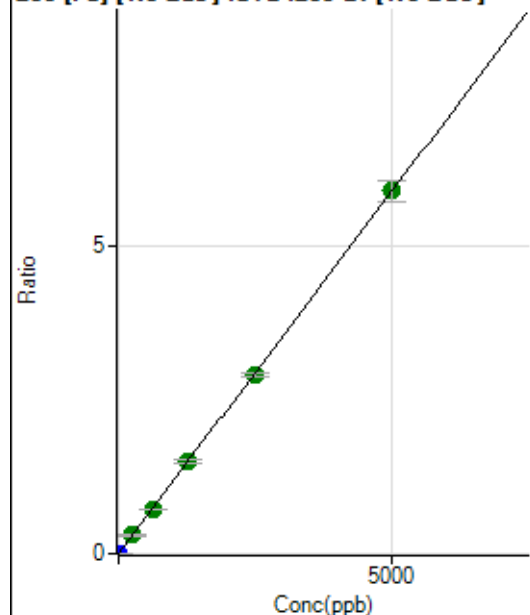
$$DL = 0.002143$$

$$BEC = 0.03223$$

Weight: <None>

Min Conc: 0

206 [Pb] [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	458.90	0.0001	P	6.9
2	☐	1.000	0.878	6991.95	0.0011	P	4.2
3	☐	250.000	252.323	1902204.19	0.2968	A	1.3
4	☐	625.000	613.455	4636414.38	0.7215	A	1.3
5	☐	1250.000	1283.546	9593750.34	1.5095	A	3.9
6	☐	2500.000	2462.568	17942779.59	2.8960	A	1.9
7	☐	5000.000	5011.656	35084627.26	5.8937	A	5.8
8	☐			21508.10	0.0038	P	5.9

$$y = 0.0012 * x + 7.4251E-005$$

$$R = 0.9999$$

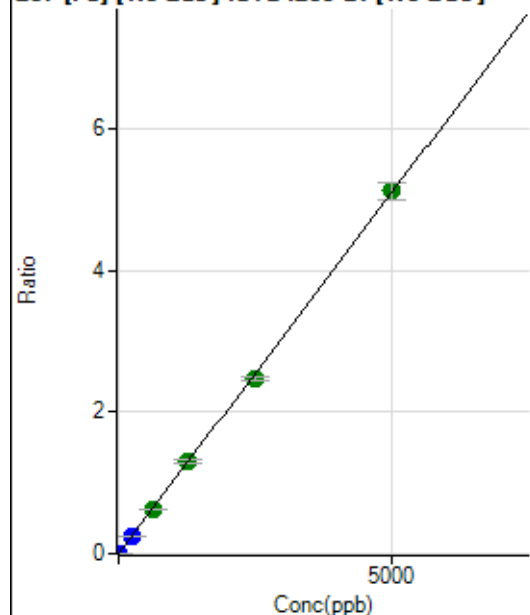
$$DL = 0.01303$$

$$BEC = 0.06314$$

Weight: <None>

Min Conc: 0

207 [Pb] [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	407.79	0.0001	P	6.5
2	☐	1.000	0.911	6289.37	0.0010	P	5.6
3	☐	250.000	250.959	1642108.38	0.2562	P	0.7
4	☐	625.000	617.530	4050371.92	0.6303	A	2.0
5	☐	1250.000	1289.462	8364832.38	1.3162	A	4.0
6	☐	2500.000	2426.333	15345258.24	2.4765	A	1.6
7	☐	5000.000	5027.854	30555567.32	5.1317	A	4.9
8	☐			18787.76	0.0033	P	4.7

$$y = 0.0010 * x + 6.5879E-005$$

$$R = 0.9998$$

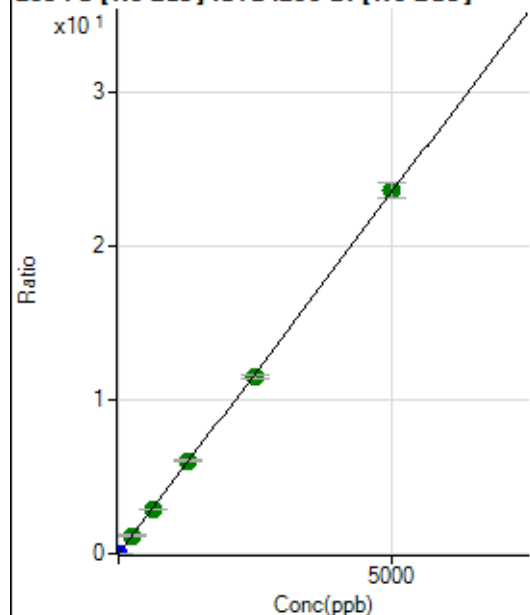
$$DL = 0.01263$$

$$BEC = 0.06455$$

Weight: <None>

Min Conc: 0

208 Pb [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1843.41	0.0003	P	1.0
2	☐	1.000	0.906	28712.90	0.0045	P	4.8
3	☐	250.000	251.089	7548131.09	1.1777	A	1.8
4	☐	625.000	613.974	18503755.04	2.8794	A	0.9
5	☐	1250.000	1283.801	38270648.53	6.0204	A	2.6
6	☐	2500.000	2440.494	70909268.66	11.4444	A	1.8
7	☐	5000.000	5022.627	140258734.5	23.5526	A	4.3
8	☐			85514.58	0.0151	P	4.6

$$y = 0.0047 * x + 2.9804E-004$$

$$R = 0.9999$$

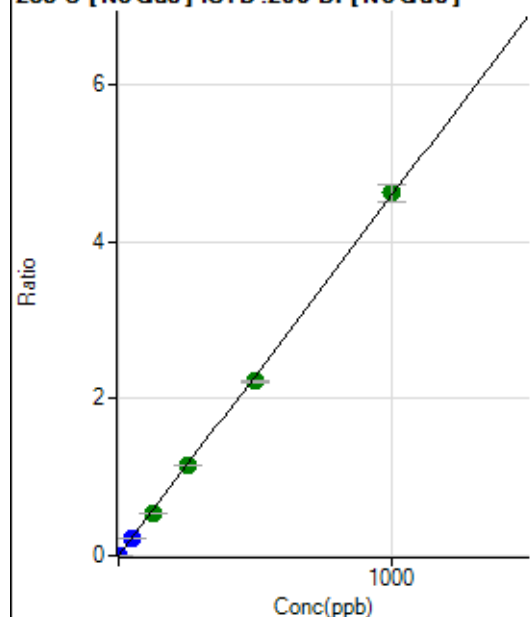
$$DL = 0.001959$$

$$BEC = 0.06356$$

Weight: <None>

Min Conc: 0

238 U [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	14.45	0.0000	P	72.5
2	☐	1.000	0.863	25054.80	0.0040	P	3.1
3	☐	50.000	48.102	1415913.73	0.2209	P	0.9
4	☐	125.000	119.204	3518169.01	0.5475	A	0.8
5	☐	250.000	251.654	7348670.72	1.1558	A	1.2
6	☐	500.000	485.000	13800833.82	2.2274	A	1.4
7	☐	1000.000	1007.906	27563550.70	4.6290	A	4.6
8	☐			4745.76	0.0008	P	11.9

$$y = 0.0046 * x + 2.3161E-006$$

$$R = 0.9998$$

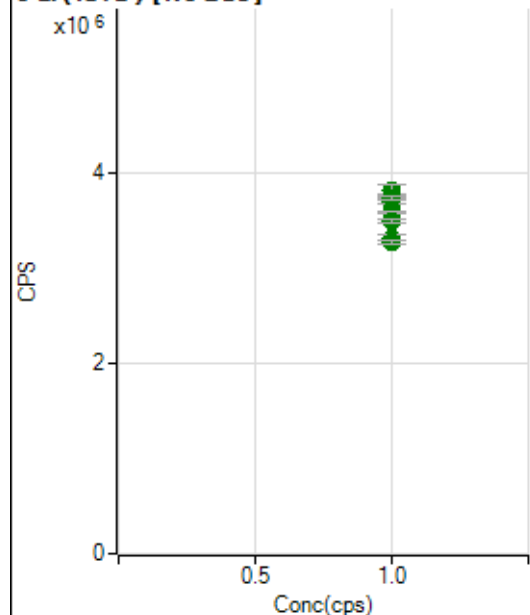
$$DL = 0.001096$$

$$BEC = 0.0005043$$

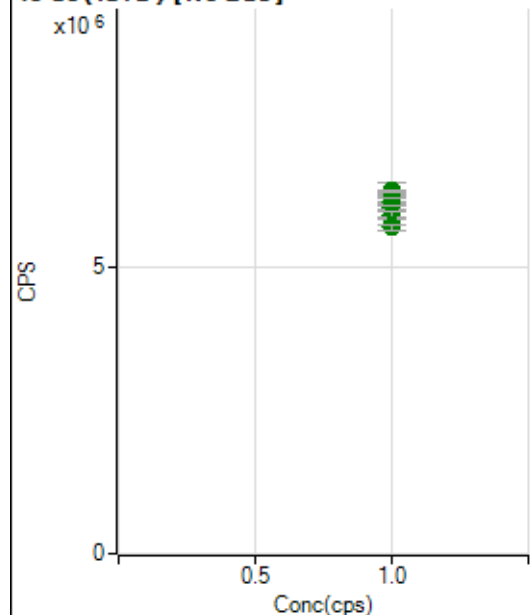
Weight: <None>

Min Conc: 0

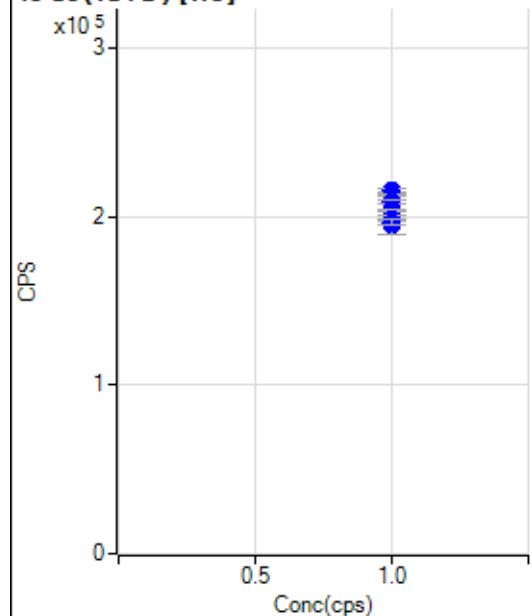
6 Li (ISTD) [No Gas]



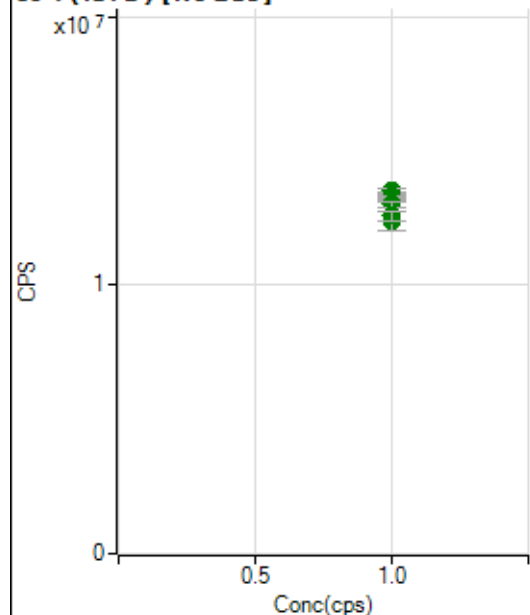
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3704029.45		A	1.9
2	☐	1.000		3757521.77		A	1.6
3	☐	1.000		3810318.51		A	3.5
4	☐	1.000		3740845.66		A	0.9
5	☐	1.000		3585119.34		A	0.3
6	☐	1.000		3500521.48		A	1.2
7	☐	1.000		3302157.13		A	3.2
8	☐	1.000		3274303.27		A	1.1

45 Sc (ISTD) [No Gas]

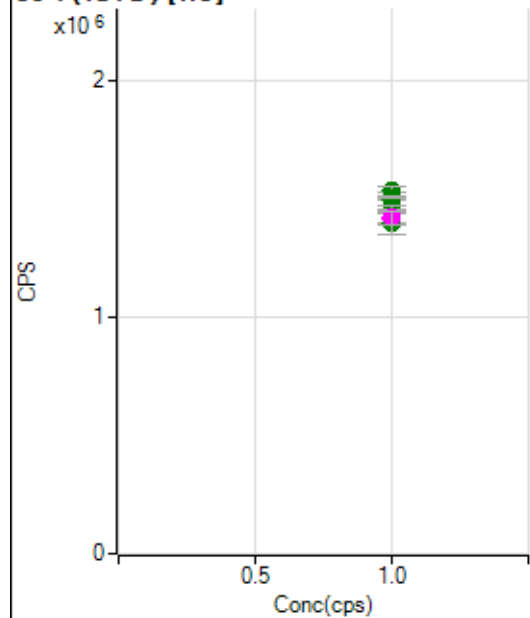
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6252346.78		A	0.3
2	☐	1.000		6313453.93		A	5.0
3	☐	1.000		6330791.50		A	0.8
4	☐	1.000		6153668.66		A	1.7
5	☐	1.000		6037203.94		A	0.9
6	☐	1.000		5921927.55		A	1.4
7	☐	1.000		5741179.15		A	3.2
8	☐	1.000		5693465.75		A	1.8

45 Sc (ISTD) [He]

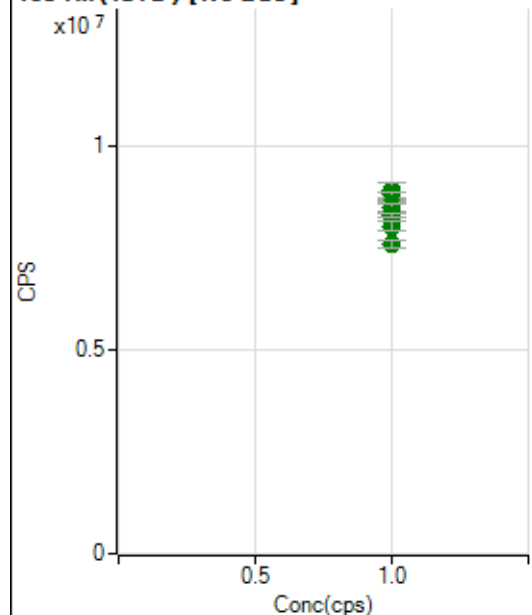
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		214163.36		P	0.4
2	☐	1.000		215435.49		P	0.9
3	☐	1.000		213011.88		P	0.8
4	☐	1.000		209281.52		P	1.1
5	☐	1.000		203989.57		P	0.8
6	☐	1.000		198246.99		P	0.5
7	☐	1.000		194821.42		P	5.8
8	☐	1.000		196685.75		P	1.9

89 Y (ISTD) [No Gas]

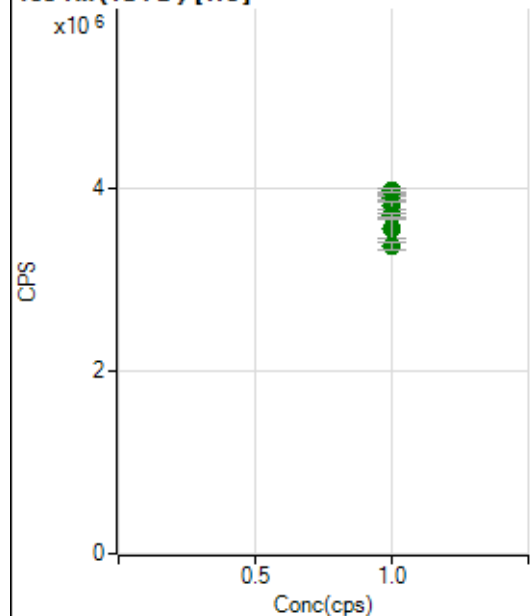
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13335531.19		A	1.0
2	☐	1.000		13391281.05		A	3.2
3	☐	1.000		13504551.60		A	1.2
4	☐	1.000		13320180.50		A	0.6
5	☐	1.000		13250527.58		A	0.6
6	☐	1.000		13025625.64		A	1.6
7	☐	1.000		12400512.45		A	5.5
8	☐	1.000		12562126.62		A	2.6

89 Y (ISTD) [He]

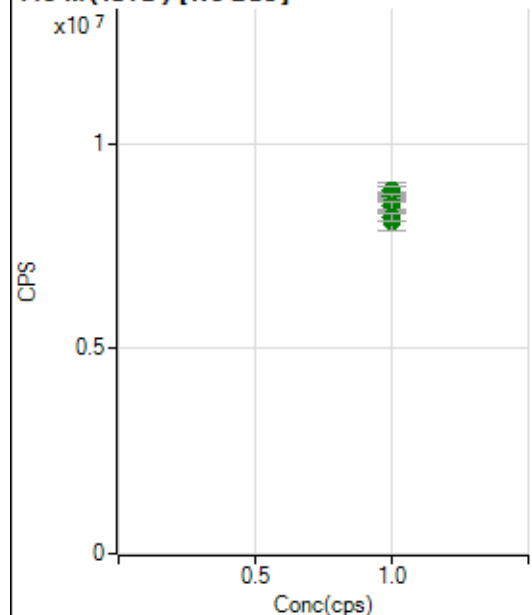
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1512385.57		A	2.1
2	☐	1.000		1492948.47		A	2.6
3	☐	1.000		1531869.70		A	2.3
4	☐	1.000		1504475.01		A	0.6
5	☐	1.000		1456719.95		A	1.6
6	☐	1.000		1415676.73		M	2.5
7	☐	1.000		1400157.47		A	7.7
8	☐	1.000		1418075.08		M	3.9

103 Rh (ISTD) [No Gas]

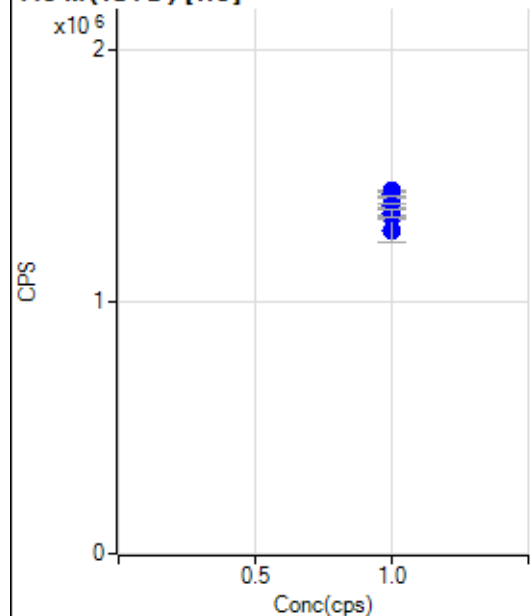
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8690855.42		A	0.6
2	☐	1.000		8891508.27		A	5.0
3	☐	1.000		8792609.87		A	1.8
4	☐	1.000		8600165.71		A	1.0
5	☐	1.000		8487196.12		A	2.1
6	☐	1.000		8296339.32		A	0.9
7	☐	1.000		8032832.10		A	2.6
8	☐	1.000		7569854.06		A	2.4

103 Rh (ISTD) [He]

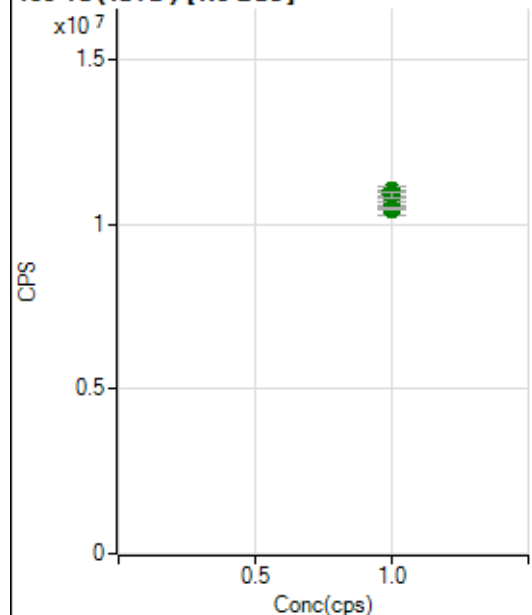
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3923183.80		A	0.6
2	☐	1.000		3890879.46		A	0.9
3	☐	1.000		3857822.41		A	0.6
4	☐	1.000		3975248.73		A	1.0
5	☐	1.000		3806521.68		A	2.3
6	☐	1.000		3705623.83		A	1.0
7	☐	1.000		3569522.06		A	5.9
8	☐	1.000		3368525.64		A	2.4

115 In (ISTD) [No Gas]

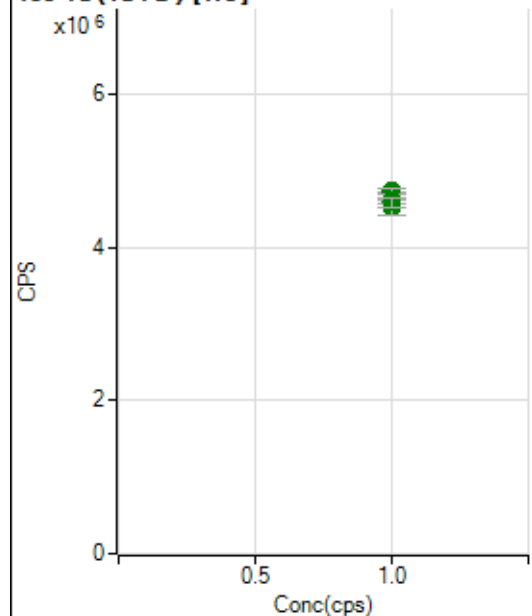
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8738540.12		A	1.6
2	☐	1.000		8840423.59		A	4.4
3	☐	1.000		8845471.75		A	2.3
4	☐	1.000		8640851.17		A	0.6
5	☐	1.000		8738157.83		A	1.1
6	☐	1.000		8477583.69		A	2.4
7	☐	1.000		8121013.80		A	5.8
8	☐	1.000		8212394.07		A	2.2

115 In (ISTD) [He]

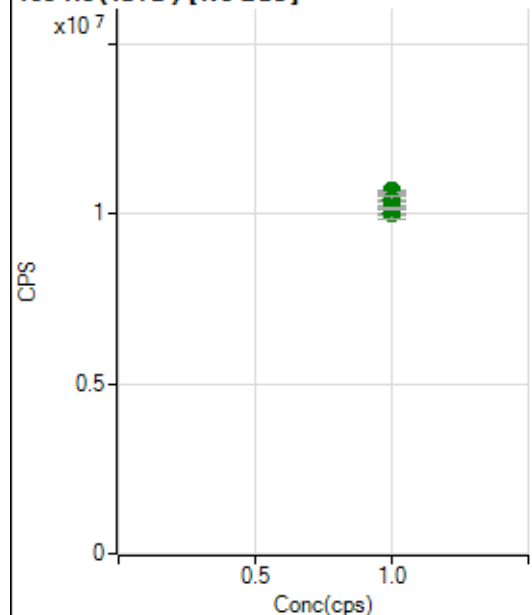
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1438603.02		P	0.4
2	☐	1.000		1438169.42		P	0.8
3	☐	1.000		1426852.68		P	0.7
4	☐	1.000		1414513.46		P	0.9
5	☐	1.000		1380127.94		P	1.4
6	☐	1.000		1333732.10		P	1.0
7	☐	1.000		1284547.85		P	7.3
8	☐	1.000		1350034.88		P	1.9

159 Tb (ISTD) [No Gas]

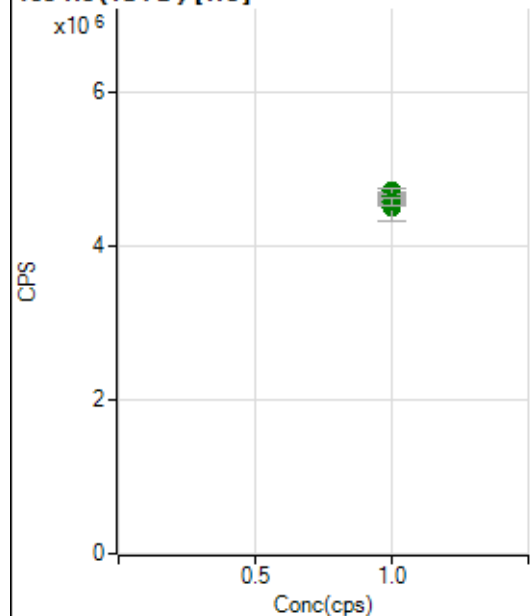
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10674982.20		A	2.4
2	☐	1.000		10860241.43		A	3.6
3	☐	1.000		10889374.14		A	1.2
4	☐	1.000		10913623.31		A	1.2
5	☐	1.000		11009562.47		A	3.0
6	☐	1.000		10891314.42		A	1.9
7	☐	1.000		10479489.85		A	4.2
8	☐	1.000		10459386.93		A	0.6

159 Tb (ISTD) [He]

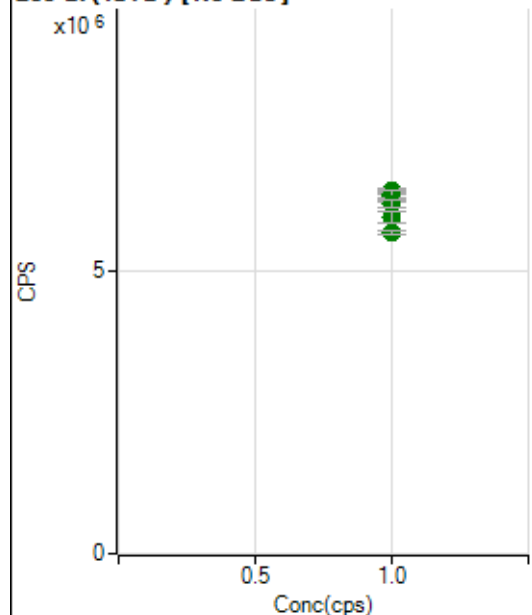
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4638821.21		A	0.6
2	☐	1.000		4727728.16		A	1.5
3	☐	1.000		4717673.20		A	0.2
4	☐	1.000		4735191.87		A	1.1
5	☐	1.000		4726158.82		A	1.6
6	☐	1.000		4615852.33		A	1.7
7	☐	1.000		4521367.36		A	4.5
8	☐	1.000		4588613.30		A	2.7

165 Ho (ISTD) [No Gas]

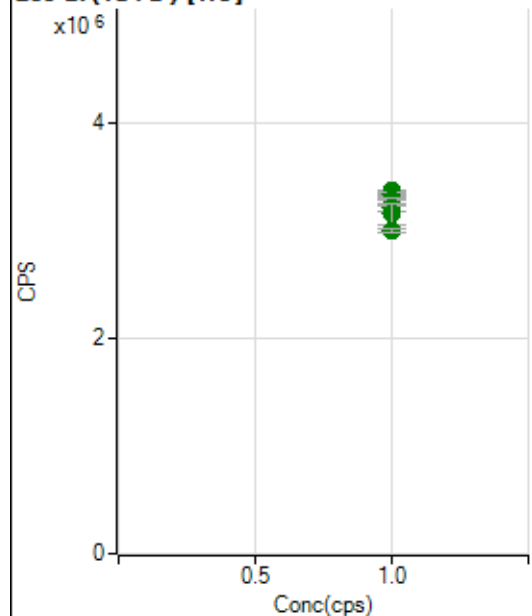
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10020633.88		A	1.8
2	☐	1.000		10116370.33		A	2.1
3	☐	1.000		10368218.32		A	0.6
4	☐	1.000		10664579.56		A	0.6
5	☐	1.000		10589174.56		A	0.8
6	☐	1.000		10378944.01		A	2.5
7	☐	1.000		10018681.10		A	3.2
8	☐	1.000		10152184.08		A	0.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4636281.39		A	0.9
2	☐	1.000		4613351.98		A	1.3
3	☐	1.000		4635881.18		A	1.9
4	☐	1.000		4659100.03		A	1.4
5	☐	1.000		4719095.76		A	1.5
6	☐	1.000		4587263.93		A	1.8
7	☐	1.000		4506542.95		A	7.5
8	☐	1.000		4582596.74		A	2.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6185465.25		A	1.8
2	☐	1.000		6322486.02		A	3.1
3	☐	1.000		6409602.82		A	1.1
4	☐	1.000		6426515.46		A	1.2
5	☐	1.000		6359412.20		A	2.3
6	☐	1.000		6197146.44		A	2.3
7	☐	1.000		5961184.29		A	3.6
8	☐	1.000		5683514.01		A	1.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3358800.68		A	0.7
2	☐	1.000		3375916.82		A	0.6
3	☐	1.000		3357756.03		A	0.9
4	☐	1.000		3349411.55		A	1.4
5	☐	1.000		3296111.96		A	0.6
6	☐	1.000		3217949.71		A	1.6
7	☐	1.000		3159111.20		A	6.3
8	☐	1.000		3004659.36		A	1.3